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WEST VIRGINIA WESLEYAN COLLEGE

1998-2000 CATALOG

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West Virginia Wesleyan College
1999-2000 Catalog Supplement

WEST VIRGINIA WESLEYAN COLLEGE (p. 9)

Following the Statement of Mission, insert revised **Goals** from page 41f:

GOALS OF THE WESLEYAN EXPERIENCE

In affirming for students, faculty and staff the freedom of inquiry basic to intellectual vitality, the educational programs of the College seek to achieve the following specific goals:

1 **To assure that all graduates communicate clearly and with some appropriate measure of eloquence and force in both the written and spoken form** by providing a sound foundation in basic writing and speaking skills early in their undergraduate experience and reinforcing and expanding on these skills throughout the curriculum.

2 **To enable graduates to make discriminating judgments about the relative worth of ideas and arguments** by providing a systematic introduction to critical thinking skills that emphasizes the relationship between evidence and sound conclusions.

3 **To develop in graduates a critical appreciation for the ideas and values that are the foundation of western and world culture** by introducing them to and causing them to examine critically representative philosophical and religious systems of knowledge and belief.

4 **To enable graduates to appreciate contemporary--and indeed future--culture as part of an ongoing process** by providing an historical framework that emphasizes the connectedness of events, people, and world conditions through time.

5 **To expand the access of graduates to the richness of human creativity as expressed in letters and the arts** by engaging them in an expanded body of works and providing them basic critical tools and aesthetic sensitivity with which to approach the unfamiliar.

6 **To instill in graduates an appreciation for humankind's expanded ability to understand, interact with, and shape its physical environment** by involving them actively in quantitative and experimental approaches to problem solving and the physical universe in ways that combine theory and application.

7 **To provide graduates the experience of sustained and concentrated scholarship** by affording them the opportunity for in-depth study of a single academic discipline.

8 **To prepare graduates to live effectively as members of society** by developing an understanding of the interplay of self and society, the tension that exists between the two, and their mutual dependence.

9 **To prepare graduates to be self-reliant and responsible individuals** by encouraging them to reflect upon their values, ethical choices and commitments.

10 **To prepare graduates to live effectively in a nation and world characterized by ethnic, racial, philosophic, cultural, linguistic, religious, and geographic diversity** by helping them to understand traditions and views differing from their own, to practice an unbiased habit of mind, and to treat others with fairness and civility.

11 **To prepare graduates to work collaboratively with others** by engaging them in cooperative learning in the curriculum and co-curriculum.

12 **To prepare graduates to be competent and comfortable in the use of information technology** by providing them with laptop computers and by employing information technology throughout the curriculum.

13 **To enhance the desire and the ability of graduates to achieve and maintain physical and mental health** by involving them in explorations or activities that demonstrate the unity between physical and mental well-being.

14 **To instill in graduates the sense that learning never ends** by demonstrating that seeking knowledge and understanding is one of life's central purposes.

EXPENSES (pp. 19ff)

TUITION. The tuition charges in the table below apply to all students carrying 12-18 hours of work. For students carrying 9-11 credit hours of work, the charge is $680 per credit hour; for those carrying 7-8 credit hours, the charge is $490 per credit hour; and for those carrying 1-6 credit hours, the charge is $300 per credit hour. For each credit hour carried in excess of 18, the charge is $340.

ESTIMATE OF EXPENSES

1999-2000	Fall Semester	Spring Semester	Year
Instruction	$8,150	8,150	$16,300
Activity Fee	100	100	200
Laptop Fee (freshman)*	375	375	750
Technology Fee	150	150	300
Health & Accident Insurance%	175	0	175
Room (double occupancy)#	1,072	903	1,975
Board (20-meal plan)#	1,234	1,041	2,275
TOTAL	$11,256	10,719	$21,975

*Sophomore/junior Laptop Fee is $250 per semester.
%Unless waiver provided by September 17, 1999. Prorated for students enrolling after fall semester.
#Fall semester includes Room and Board costs for January Term.

This estimate does not include miscellaneous fees, books, travel, clothing, amusements, and other personal expenses. Consult the Business Office for complete information on fees and charges.

January Term 2000. Students not enrolled full time in either fall or spring semester will pay tuition of $300 per credit hour for January Term. Students moving on campus for January Term will be charged $177 for a double-occupancy room and $204 for the 20-meal plan.

Summer School 2000. Charges will be announced through appropriate campus publications with the announcement of the summer school schedule.

M.B.A. Program. The tuition charge for graduate study in the M.B.A. program is $300 per credit hour.

MISCELLANEOUS FEES

Auditors. Add the following paragraph:
Auditors pay $150 per credit hour for any M.B.A. course audited.

Delete **Special Support Services** and add

Lindamood-Bell™ Reading Program: Students enrolled in Lindamood-Bell™ Reading Program classes are charged according to the following schedule:

Level 4 - $2,000 per semester for 4 hours weekly of full clinical instruction plus 1-2 hours of guided independent application

Level 3 - $1,500 per semester for 3 hours weekly of full clinical instruction plus 1-3 hours of guided independent application

Level 2 - $1,000 per semester for 2 hours weekly of application clinical instruction plus 1-2 hours of guided independent application

Level 1 - $500 per semester for 1 hour weekly of application clinical instruction plus 1-2 hours of guided independent application

SCHOLARSHIPS AND STUDENT FINANCIAL AID (p. 24)

Add to introductory section:
Financial aid for M.B.A. students is described briefly in the M.B.A. Catalog, available in the M.B.A. Office. The Financial Planning Office can provide detailed information.

STUDENT SERVICES (p. 36)

Delete **Learning Center** section and substitute

Student Academic Support Services
Student Academic Support Services provides academic assistance to all Wesleyan students. Through individual conferences and small group classes, students are encouraged to target and correct problems that interfere with academic performance. The College Study Strategies class (DEV 004) helps students make the academic adjustment to college. Skill development courses (DEV 008) focus on various topics such as note taking, test taking, time management, visual thinking, memory techniques and graduate school test preparation. All students may come to the center to receive individual guidance from a Student Academic Support Service staff member, to participate in peer group tutoring, and to use computer software programs to broaden skills in math, writing, reading, vocabulary development, typing, and study techniques.

Student Academic Support Services also offers, on a fee-for-service basis, a clinical reading program to help students improve reading skills and language comprehension. Each student works individually with instructors who have been trained in Lindamood-Bell Learning Processes™. Students who have an interest in receiving this instruction, or would like to know more about the program, should contact the Director of Student Academic Support Services.

In addition, the staff of Student Academic Support Services oversees the provision of services and accommodations for students with diagnosed disabilities. Annually updated Accommodation Plans are determined through a review of documentation provided by the student and recommendations of the student's Comprehensive Advisor, who works closely with each individual. Students who believe they may need accommodations due to a disability should contact the Director of Student Academic Support Services for more detailed information regarding the procedure for receiving appropriate services.

PLAN OF STUDY (pp. 41ff)

Move revised **Goals** to page 9, following the Statement of Mission.

Under **Cultural Studies** requirement, first section, add HST 239. History of West Virginia; in the second section, drop MUS 210. Introduction to Non-Western Music.

SPECIAL PROGRAMS (p. 45)

Delete **External Education**.

REQUIREMENTS FOR GRADUATION (p. 50)

Under **Policies**, add
Students who elect to complete more than one major--and/or one or more minors--are responsible for completing all requirements of each major and minor without special accommodations regarding specific course and other requirements, course scheduling, and means of earning credit. The College makes every reasonable effort to enable a student to complete one major in a timely fashion.

Also, add references to this policy under **Majors Offered** (p. 44), **Contract Major** (p. 45), and **Minors** (p. 48).

ART (p. 60)

Add to **Requirements for Major**:
Art majors may count up to 48 hours in art plus a three-hour art internship (maximum of 51 hours in art) toward graduation.

Insert **ATHLETIC TRAINING** (formerly Sports Medicine, which see below for additional changes).

BIOLOGY (pp. 64f)

Change course numbers and prerequisites:
BIO 211. Human Anatomy and Physiology I becomes BIO 151; *prerequisite*: athletic training or nursing major.
BIO 212. Human Anatomy and Physiology II becomes BIO 152; *prerequisites*: BIO 151, athletic training or nursing major.

Change biology prerequisite for **BIO 220. General Microbiology** from BIO 110 [General Biology] or 160 [Principles of Biology] to BIO 152 [Human Anatomy and Physiology II]. Chemistry prerequisites remain the same.

Delete chemistry prerequisites from **BIO 250. Genetics**.

Add reference to cross-listed course to **BIO 355 (also CHE 355). Molecular Cell Biology Laboratory**.

MASTER OF BUSINESS ADMINISTRATION PROGRAM (pp. 71ff)

Delete entire section, including all courses, and substitute the following:

The Wesleyan Master of Business Administration program offers an integrative general management curriculum that prepares managers to think and lead at all levels of an organization. The broad-based curriculum strives to create organizational leaders with multiple skills who can analyze business problems from a variety of perspectives and exercise ethical judgments when finding solutions. At the core of the program are the functional areas of business: accounting, finance, management, and marketing; these are supported by courses in behavioral science, economics, and quantitative analysis. The objectives of the program are to offer a curriculum with a rich philosophy about judgment, analysis, and action via a healthy mix of theory and practice; to provide a unified and innovative core curriculum that provides focus and continuity; to provide outstanding, student-centered teaching that results from faculty who are current in their fields and committed to developing students as ethical decision makers; and to offer a curriculum that balances technical and substantive issues in management.

The 42-semester hour program is designed to be pursued either on an intensive schedule by full-time students or on a part-time basis by business professionals, using evening and summer class opportunities. A supplement to this catalog which contains detailed information on admission and academic policies and tuition and fees is available upon request from the M.B.A. Office, which can also provide course schedules.

ADMISSION

Application for admission to the program is invited from anyone who holds a bachelor's degree from an accredited college or university, regardless of undergraduate major. Applicants should complete the application form and return it to the Director of the M.B.A. Program along with

1 a current curriculum vitae showing relevant work experience;
2 a non-refundable application fee of $25;
3 two letters of recommendation (one from an employer and one from a professor);
4 official transcripts of all undergraduate and graduate work;
5 official report of the Graduate Management Admission Test (GMAT); and
6 if an international student, an official report of the Test of English as a Foreign Language (TOEFL).

Based on the recommendations of the M.B.A. Admission Committee, the M.B.A. Director will make admission decisions and notify applicants in writing of those decisions.

UNDERGRADUATE FOUNDATION COURSES

Although Wesleyan's M.B.A. Program is designed for students committed to a career in business, regardless of their undergraduate major, all students are required to have a basic knowledge of business. Before students may enter the M.B.A. Program, they must complete the following prerequisite foundation courses or pass an examination to demonstrate their knowledge of the subject: Financial Accounting, 3 hours; Microeconomics, 3 hours; Statistics and Computers, 3 hours. If these prerequisite foundation courses were taken more than five years prior to entrance into the program, students must complete the two-credit MBA Foundations course (BUS 500), which does not count toward graduation.

Requirements for the Master of Business Administration Degree

All candidates must

1 Complete 42 semester hours, including BUS 510, 520, 530, 540, 550, 560, 570, 610, 620, 630, 640, 700; plus 6 hours selected from other graduate business courses or courses approved for transfer from other institutions;
2 Earn at least 30 hours in residence;
3 Achieve a cumulative B average (3.0 grade point average) in all courses applicable toward the M.B.A. degree and in all M.B.A. work completed at Wesleyan.

Policies

M.B.A. courses are graded A, B, C, and F. Students must repeat a course in which they receive an F; students may also repeat courses in which they earn a C. While the original F or C will remain on the transcript, when the course is repeated satisfactorily, the F or C will not be counted further in the grade point average.

See Grades and Quality Points, page 52, and Withdrawal from Courses, page 54, for explanations of transcript notations of I (incomplete), W (withdrawal), and FW (failure, irregular withdrawal).

Students must maintain a 3.0 grade point average (GPA) to remain in good standing. Students whose GPA falls below 2.75 after attempting twelve or more semester hours of course work will be on academic probation and will be given nine additional hours in which to raise the GPA to 3.0. Students who fail to attain the 3.0 GPA during this probationary period are subject to dismissal from the program.

Students who earn two Fs will be dismissed from the program.

Students are permitted to transfer from other graduate schools up to twelve semester hours of graduate credit with grades of B or better, subject to approval by the Director of the M.B.A. Program. Courses must have been completed within five years prior to admission to Wesleyan's M.B.A. Program.

Students must complete all M.B.A. course requirements within seven years from the date of enrollment in their first Wesleyan M.B.A. course.

BUS 500. M.B.A. Foundations. **2 hrs.**

An introduction to essential concepts and applications used in business, economics, and statistics. In addition, the course provides an overview of specific functional areas such as accounting, finance, management, and marketing. The objective is to prepare students for the required M.B.A. courses by reviewing fundamental vocabulary and tools. *Pass/Fail grading. Does not count toward graduation.* [New course]

BUS 510. Accounting I: Financial Accounting. **3 hrs.**

Introduction of the rationale for, and implications of, fundamental accounting concepts and accounting procedures with the goal of preparing students to interpret, analyze, and evaluate financial statements. The importance of financial statements in the managerial decision-making process is emphasized. [Formerly BUS 505. Financial Accounting]

BUS 520. Finance I: Fundamentals of Finance. **3 hrs.**

Introduction to the concept of time value of money and its effect upon financial decisions. The course also addresses the idea of risk-return tradeoffs, essentials of capital budgeting, identification and estimation of relevant cash flows, and evaluation of alternatives on a comparable basis. [New course]

BUS 530. Management I: Management Theory and Leadership. **3 hrs.**

Introduction to the fundamental concepts and practices of management and leadership. The course covers the core functions: planning, organizing, leading, and controlling. Topics include strategic decision making, models of leadership, process design and control, total quality management, organizational design and structure, and project management. [New course]

BUS 540. Marketing I: Marketing Management. **3 hrs.**

A course emphasizing the decisions that marketing managers face in their efforts to bring together the objectives and resources of their organizations with the needs and opportunities in the marketplace. The strategies, tactics, and administrative issues surrounding marketing decisions are addressed by integrating the four functional areas of business in a market-drive simulation. In addition, the theoretical foundations of marketing management are explored. [Formerly BUS 530. Marketing Management]

BUS 550. Quantitative Methods for Management. **3 hrs.**

An introduction to statistical methods as they apply to business and economics. Emphasis is placed on using computer tools to analyze data and preparing written reports based on the analyses. The course is designed to assist the M.B.A. student to better understand the nature of decision making using standard statistical tools. Problem solving and class

discussion are the primary techniques of instruction, with one additional directed assignment using computer-based research tools to conduct statistical analyses. [Formerly BUS 545. Statistical Methods]

BUS 560. Managerial Economics. **3 hrs.**
Application of microeconomic concepts and decision science to managerial problems. Topics include the theory of consumer behavior, the theory of the firm, the theory of market structures and pricing, game theory, linear programming, input-output analysis, statistical estimation, forecasting, and capital budgeting. *Completion of BUS 550 prior to enrolling in this course is recommended.* [Formerly BUS 570]

BUS 570. Applied Ethics for Management. **3 hrs.**
A study of ethical decision making in a business context. Topics include ethics and a free market ideology, the competitive advantage of ethics-based thinking, uncovering organizational ground rules, breaking the gridlock of competing interests, frameworks for ethical decision making, conflicts between businesses and publics, and the relationship between business culture and business ethics. Case studies and presentations are the primary learning tools. [Formerly BUS 585. Business and Society]

BUS 580-589. Special Topics. **3 hrs.**
A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum

BUS 590-599. Independent Studies. **3 hrs.**
Each student is permitted to take a maximum of six graduate hours of independent studies. These courses are jointly designed and developed by the student and a sponsoring faculty member to satisfy the student's need for individual applied research topics.

BUS 610. Accounting II: Management Accounting. **3 hrs.**
A study of special topics in cost accounting: budgeting, profit control, tax planning, inventory control, and decision models. Cash forecasting, modeling the financial requirements of the firm, and analyzing the financial statements for investment decisions are also covered. *Prerequisite:* BUS 510.
[Formerly BUS 501. Advanced Managerial Accounting]

BUS 620. Finance II: Financial Management and Policy. **3 hrs.**
Advancing the theoretical constructs of corporate financial decision making, this course covers the important decisions that financial managers face as they balance such issues as capital budgeting, cost of capital, dividend policy, long-term financing and mergers, and working capital management. *Prerequisite:* BUS 520.
[Formerly BUS 515. Financial Management]

BUS 630. Management II: Organizational Behavior. **3 hrs.**
The "people" side of management. With emphasis on understanding why people behave the way they do in organizations, the course examines variables at the individual, group, and organizational levels. Topics include individual differences, perception, values and attitudes; motivation; group dynamics; teamwork; communication; leadership; power and politics; conflict management; organizational design and structure; job design; organizational culture; and organizational change. [Formerly BUS 523. Organizational Behavior]

BUS 640. Marketing II: Marketing Research. **3 hrs.**
An examination of the role of marketing research in business decision making. The course addresses both substantive and technical aspects of marketing research: problem definition, data collection, data analysis, and interpreting and communicating research findings. The theory undergirding the course maintains that one must carry out research in a field setting to fully understand the processes involved in designing relevant, timely, and accurate research studies. Students will gain experience in applying research concepts and methods to current business problems. *Prerequisite:* BUS 550. [New course]

BUS 680-689. Special Topics. **3 hrs.**
A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum

BUS 690-699. Independent Studies. **3 hrs.**
Each student is permitted to take a maximum of six graduate hours of independent studies. These courses are jointly designed and developed by the student and a sponsoring faculty member to satisfy the student's need for individual applied research topics.

BUS 700. Business Policy. **3 hrs.**
The capstone M.B.A. course, designed to integrate the functional areas of business: accounting, finance, management, and marketing. Patterned after the method of the Harvard Business School, this case-oriented course draws on readings, group analysis, written reports, panel discussions, and oral presentations. Prerequisites: BUS 510, 520, 530, 540, 550, 560, 570, 610, 620, 630, 640. [Formerly BUS 595]

CHEMISTRY (pp. 75f)

Delete **CHE 341. Advanced Chemistry.**

Change title and description of **CHE 355. Biochemistry Laboratory** to
CHE 355. Molecular Cell Biology Laboratory. **1 hr.**
Description under BIO 355.

CHRISTIAN EDUCATION AND CHURCH LEADERSHIP (p. 76)

Change title of **CED 110. Introduction to Church Vocations** to **Introduction to Church and Service Vocations.**

COMPUTER SCIENCE (p. 84)

Change title of **CSC 240. Introduction to BASIC** to **Introduction to Visual BASIC.**

DEVELOPMENTAL (p. 86)

Add **DEV 004. College Study Strategies.** **1 hr.**
A course designed to help students make the academic adjustment to college life. The small group structure of the course enables instructors from Student Academic Support Services to assist students with differing needs. Students will benefit from enrolling at any time during their matriculation at the College. Some students will be required to enroll as a condition of admission to the College. *Offered every quarter.*

Delete **DEV 005. College Study Strategies.**
Delete **DEV 006. Techniques of Study.**

Change **DEV 008. Reading and Study Development Laboratory Practicum** from 1-2 hrs. to 0-2 hrs., and change its prerequisite statement to
Prerequisite: Permission from a Student Academic Support Services instructor for Individualized Practicum and Composition Practicum. There is no prerequisite for other practicums.

Add **DEV 010. Foundations of Composition.** **2 hrs.**
A course to improve writing skills through study of basic grammar, usage, mechanics, sentence construction and paragraphing. Students will write several assignments, including one-paragraph and multi-paragraph essays. Significant attention will be paid to the writing process, including pre-writing, drafting and multiple revisions.

Delete **DEV 050. Basic Library Skills.**

DIVISIONAL (p. 87)

Add **DIV 109. Tutor Training Level I.** **0-1 hr.**
An introduction to tutoring based on the philosophy that the goal of tutoring is the student's independence. Tutor guidelines, responsibilities and strategies appropriate for a tutorial session will be emphasized. This quarter course is among the requirements for students wishing to tutor in the Student Academic Support Services tutoring program and has been designed to meet the criteria for tutor program certification through the College Reading and Learning Association. *If the course would cause an overload, it may be taken for zero credit. Prerequisite*: GPA of 3.0 or above in the subject to be tutored.

Change number of **DIV 210. Literature for Children** to **DIV 131**, and drop its prerequisite.

EDUCATION (pp. 91ff)

ADMISSION TO THE TEACHER EDUCATION PROGRAM

Revise the final paragraph to:

Students may challenge action taken during any phase of the admission or review process to the chairperson of the Department of Education. The department chair's decision may be appealed to the Dean of the College, whose action will be final.

PRESCRIBED PROFESSIONAL EDUCATION SEQUENCES

In **Elementary Education (K-6)**, change DIV 210 to DIV 131 [new number for Literature for Children].

Change **Mathematics (5-8)** to **(5-9)**, and change MTH 180 to MTH 105 [new number for History of Mathematics]. [This change occurs in both listings of this endorsement--on pages 91 and 92.]

Change **Physical Education (5-8)** to **(5-9)**. [This change occurs in both listings of this endorsement--pages 91 and 92.]

Change **Social Studies (5-8)** to **(5-9)**; and drop PSC 101 [American Federalism], and add PSC 120 [Introduction to Political Science]. [This change occurs in both listings of this endorsement--on pages 91 and 92.]

In **Specific Learning Disabilities**, change "Grade levels are commensurate with student's first teaching field." to "Endorsement with Elementary Education (K-6) only."

In **Art (5-12)**, drop Art 215 [Methods of Teaching Elementary Art], add Art 112 [Drawing II] and 122 [Design Fundamentals II], and change total hours from 36 to 39.

In **General Science (5-12)**, Change BIO 130 [Environmental Science], 140 [Human Life Science] to BIO 130 or 254 [Experimental Biology]; add BIO 252 [Introduction to Physiology]; and change total hours from 53 to 54-55.

In **Mathematics (5-12)**, change MTH 180 to MTH 105 [new number for History of Mathematics].

In **Physical Education (5-12)**, add PED 230 [Elementary Rhythms and Movement]; change total hours from 39 plus swimming proficiency to 41 plus swimming proficiency.

In **Social Studies (5-12)**, change PSC 101 [American Federalism], 202 [State and Local Government] to PSC 215 [Constitutional Law], 325 [Comparative Developing States].

In **Art (K-12)**, drop Art 325 [Advanced Drawing], and add a 3-hour ART elective.

In **Physical Education/Health (K-12)**, drop FCS 101 [Personal and Family Living], and add EDU 370 [Special Methods--Health].

In **Physical Education/Health/Athletic Training (K-12)**, drop PED 209, 210, 309, 310; FCS 101. Add PED 163, 211, 212, 213, 214, 311, 312, 313, 401, 411, 412, 480; EDU 370; PSY 101. Change BIO 110 to BIO 140; change BIO 211, 212 to BIO 151, 152; change FCS 265 to PED 240. Change total hours to from 98-103 to 106-111. Add *This program is in transition; students interested in it should consult the chair of the Department of Education.*

Delete DIV 210 [Literature for Children] from prerequisites for **EDU 360. Methods of Teaching Elementary Social Studies.**

ENGLISH (pp. 97, 100)

Under **Requirements for Major, Writing Concentration**, change ENG 410 to ENG 420.

Delete **ENG 357. Eighteenth Century British Literature.**
Delete **ENG 410. Senior Thesis: Writing Concentration.**

Change **ENG 420. Senior Thesis: Literature Concentration** to
ENG 420. Senior Thesis. **2 hrs.**
During the senior year, directed by instructors in the English department, each major will complete an academic study, critical analysis or writing project, one that represents the student's highest achievement as a scholar or a writer. The project will be presented orally to the department. *Satisfies advanced composition requirement for general studies. Prerequisite*: Major in English.

FAMILY AND CONSUMER SCIENCES (p. 102)

Delete the heading and all courses except the following:
FCS 265. Fundamentals of Human Nutrition. Change to **PED 240.**
FCS 367. Advanced Human Nutrition. Change to **PED 305.**

HISTORY (pp. 102, 104)

In **Requirements for Major**, delete HST 264 from Non-Western course selection.

Change title of **HST 239. West Virginia: the Mining State** to **History of West Virginia.**

Delete **HST 264. History of Africa.**

MATHEMATICS (p. 107)

Add **MTH 105. History of Mathematics.** **3 hrs.**
Evolution of number systems and computations using those number systems, the Egyptians, Babylonians, Greeks, Romans, Mayans, and Asian cultures. The contributions of these cultures and distinguished mathematicians such as Archimedes, Pythagoras, Euclid, and Cardano; the solutions of famous problems. *Prerequisite*: Official placement or DEV 062.

MUSIC (p. 113)

Delete **MUS 210. Introduction to Non-Western Music.**

NURSING (p. 115f)

In second paragraph, change address and phone for National League for Nursing Accrediting Commission to 61 Broadway, New York, NY 10006; telephone 1-212-363-5555.

In **Requirements for Bachelor of Science in Nursing Degree**, change BIO 211, 212 to BIO 151, 152; and change FCS 265 to PED 240. [Number changes for Human Anatomy and Physiology I, II, and Fundamentals of Human Nutrition.]

PHYSICAL EDUCATION AND HEALTH (pp. 121ff)

In **Requirements for Physical Education Major, Health Promotion/Fitness Management Concentration**, change FCS 265, 357, to PED 240, 305. [Number changes for Fundamentals of Human Nutrition and Advanced Human Nutrition.]

Revise description of **PED 155. Introduction to Athletic Training.** **1 hr.**
An introduction to the profession for prospective athletic training majors. The course examines the history of the profession, the roles and responsibilities of the certified athletic trainer, as well as educational preparation and employment opportunities. Students become familiar with the Wesleyan athletic training department through structured observation, a mentoring program, and related assignments.

Change title and description of **PED 160. Sports Medicine I** to
PED 160. Athletic Training I. **3 hrs.**
An introduction to the basic principles of prevention, evaluation, and management of athletic injuries. Topics covered include training and conditioning techniques, protective sports equipment, mechanisms and characteristics of sports trauma, tissue response to injury, environmental considerations, additional health conditions, and injuries to the foot, ankle, and lower leg. Requires a minimum of 40 hours of supervised clinical observation. *Prerequisites*: PED 140, 155.

Add **PED 163. Athletic Training Taping Laboratory.** **1 hr.**
Introduction to the basic principles of selection, fabrication, and application of preventative and protective taping, wrapping, splinting and bracing devices. *Pre- or corequisite:* PED 160.

Delete **PED 209. Athletic Training Practicum I.**
Delete **PED 210. Athletic Training Practicum II.**

Add **PED 211. Athletic Training Practicum I.** **1 hr.**
Under the direct supervision of an NATABOC certified athletic trainer, the student will complete a minimum of 100 hours of structured clinical experience. Students assist with practice and game coverage for various Wesleyan sports, as well as coverage of general training room and/or health center/team physician observation. *Prerequisite:* Admission into the athletic training major, concurrent enrollment in PED 213.

Add **PED 212. Athletic Training Practicum II.** **1 hr.**
Continuation of PED 211. Requires a minimum of 100 hours of structured clinical experience. *Prerequisite:* PED 211, concurrent enrollment in PED 214.

Add **PED 213. Clinical Techniques in Athletic Training I.** **3 hrs.**
In-depth study of the anatomical, physiological, pathological, and kinesiological processes related to athletic injuries. Emphasis will be placed on the introduction and practice of hands-on techniques of evaluation and assessment. Topics include head, face, chest, cardiovascular system, abdomen, respiratory system, illnesses, and vital signs. The course is designed to assist students in acquiring knowledge and skill competencies required for successful completion of CAAHEP-accredited undergraduate athletic training programs. Guest speakers. *Prerequisites*: Admission into the athletic training major, concurrent enrollment in PED 211.

Add **PED 214. Clinical Techniques in Athletic Training II.** **3 hrs.**
Continuation of PED 213, with in-depth study of athletic injuries to the lower extremity (hip, thigh, knee, lower leg, ankle, and foot) and during gait. *Prerequisites*: PED 213 and concurrent enrollment in PED 212.

Add **PED 240. Fundamentals of Human Nutrition.** **3 hrs.**
An introductory study of the individual nutrients in respect to digestion, absorption, metabolism, body needs and food sources. This information is applied through study of the life cycle. [Formerly FCS 265.]

Change title and description of **PED 260. Sports Medicine II** to
PED 260. Athletic Training II. **3 hrs.**
Detailed discussion of athletic injury assessment, pathomechanics, management and prevention techniques. Sports participation-related injuries and illness involving the head and face, spine, knee, thigh, hip, groin, pelvis, shoulder, elbow, forearm, wrist, hand, thorax and abdomen will be presented. Additional topics will include psychology of sport injuries and dermatological problems in athletes. Guest speakers. *Prerequisite*: PED 160.

Add **PED 305. Advanced Human Nutrition.** **3 hrs.**
A study of human nutrition, including the chemistry of food nutrients, digestion, absorption, and metabolism. Principles of human nutrition applied to individual, family, community, and world problems. *Prerequisites:* PED 240; BIO 211, 212; and CHE 350 or consent of instructor. [Formerly FCS 367.]

Delete **PED 309. Athletic Training Practicum II.**
Delete **PED 310. Athletic Training Practicum III.**

Add **PED 311. Athletic Training Practicum III.** **1 hr.**
Continuation of PED 212. Requires a minimum of 150 hours of structured clinical experience. Students assist with practice and game coverage for various Wesleyan sports, as well as coverage of general training room. *Prerequisite:* PED 212, concurrent enrollment in PED 313.

Add **PED 312. Athletic Training Practicum IV.** **1 hr.**
Continuation of PED 311. Requires a minimum of 150 hours of structured clinical experience. *Prerequisite:* PED 311.

Add **PED 313. Clinical Techniques in Athletic Training III.** **3 hrs.**
Continuation of PED 214, with in-depth study of athletic injuries to the upper extremity (shoulder complex, arm, elbow, forearm, wrist, and hand) and spine. *Prerequisite:* PED 214, concurrent enrollment in PED 311.

Add BIO 151, 152 [Human Anatomy and Physiology I, II] as alternative prerequisites to **PED 320. Exercise Physiology.**

Delete **PED 361. Officiating: Football.**
Delete **PED 362. Officiating: Basketball.**
Delete **PED 368. Methods of Teaching Health.**

Change title of **PED 372. Rehabilitation Techniques in Sports Medicine** to **Rehabilitation Techniques in Athletic Training.**
Change title of **PED 376. Therapeutic Modalities in Sports Medicine** to **Therapeutic Modalities in Athletic Training.**

Change prerequisite of **PED 396. Clinical Internship in Athletic Training** to PED 214 or junior level standing in athletic training major.

Add **PED 401. Organization and Administration of Athletic Training Programs.** **2 hrs.**
Introduction to the basic organizational and administrative components of an athletic training program, including the planning, coordinating and supervision of services pertaining to health care service delivery (physical examinations and screenings, emergency care, follow-up care, referrals, insurance, liability and rehabilitation), financial management, training room management, personnel management, and public relations. Final preparation for the NATABOC examination will take place in this course. *Prerequisite:* Senior level standing in athletic training major.

Change title of **PED 403. Senior Seminar in Sports Medicine I** to **Senior Seminar in Athletic Training I.**
Change title of **PED 404. Senior Seminar in Sports Medicine II** to **Senior Seminar in Athletic Training II.**

Add **PED 411. Athletic Training Practicum V.** **1 hr.**
Continuation of PED 312. Requires a minimum of 150 hours of structured clinical experience. *Prerequisite:* PED 312 or permission of instructor.

Add **PED 412. Athletic Training Practicum VI.** **1 hr.**
Continuation of PED 411. Requires a minimum of 150 hours of structured clinical experience. *Prerequisite:* PED 411 or permission of instructor.

Add **PED 480. Special Topics in Athletic Training.** **1 hr.**
Discussion of current topics, issues and problems related to the field of athletic training to facilitate synthesis of classroom and practical experience. Topics will include ergogenic aids, pharmacology, female athlete triad, the disabled athlete, the pre-adolescent and adolescent athlete, counseling the injured or ill athlete, and holistic health care prospectives. Roundtable discussion format. Guest speakers. *Prerequisite:* Senior level standing in athletic training major.

POLITICAL SCIENCE (p. 128)

Delete **PSC 310. Politics of Social Policy.**

PSYCHOLOGY (pp. 130f)

Remove **(also SOC 260)** from **PSY 260. Field Experience: Working with the Elderly.**

SOCIOLOGY AND ANTHROPOLOGY (p. 135)

Delete **SOC 260. Field Experience Working with the Elderly.**

SPORTS MEDICINE (pp. 136f) Change name of major to ATHLETIC TRAINING.

Delete entire section and substitute the following:
The athletic training major provides students with theoretical knowledge and understanding of the profession of athletic training. The major blends classroom instruction and structured clinical experiences through a process that results in students' gaining eligibility to sit for the National Athletic Trainers' Association Board of Certification (NATABOC) examination upon graduation from Wesleyan. Students who graduate from the program and subsequently pass the national certification exam will be qualified to be employed as athletic trainers in secondary schools (see third paragraph, below), in colleges and universities, for professional athletic teams, in sports medicine clinics, or in industrial preventive medicine clinics. In addition, students will be well prepared to pursue graduate level studies in athletic training and, upon completion of specified prerequisite coursework, advanced degrees in movement science, exercise physiology, physical therapy, medicine (including physician's assistant programs), health, and physical education. The major is currently seeking accredited status from the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

The academic and fieldwork demands of the athletic training major make it virtually impossible for students to complete the program and participate in a dual semester sport or co-curricular activity that requires a significant time commitment. At the end of the first year of study at Wesleyan, a student who wishes to participate extensively in intercollegiate athletics or co-curricular activities will have to make a choice between the activity and completion of the athletic training program.

Students who wish to become certified as athletic trainers by the West Virginia Department of Education must fulfill all requirements of both the athletic training major and the teacher education program, including the Physical Education/Health/Athletic Training (K-12) teaching field. This combination will require more than four years to complete.

Admission to and Continuation in the Athletic Training Program

Although students are accepted into the College as athletic training majors, continuation in the major depends upon successful completion of specific program requirements, including in-service training sessions, observation hours, academic prerequisites, written application and interview. Admission into the program is selected and limited. The eligibility requirements below are listed in order of importance. Freshmen apply for admission to the program during the fall semester. Transfer applicants may apply during their first semester on campus. Students are accepted into the program in the spring semester and formally begin the major the following semester.

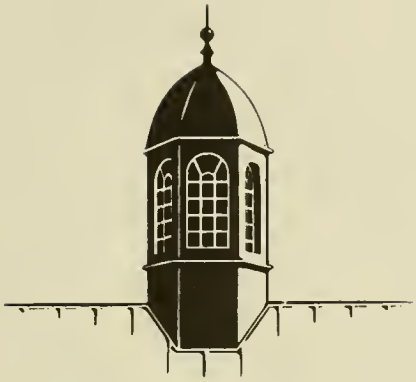
Students must meet the following eligibility requirements for formal admission into the athletic training major:

1 A cumulative grade point average of 2.5 or higher.
2 Completion of the following prerequisites with no grade below C: BIO 151; PED 130, 140, 155, 160; PSY 101.
3 Submission of a written application, including two letters of recommendation.
4 Successful completion of an interview with the athletic training faculty and clinical instructors.
5 Completion of 40 observation hours.
6 Current C.P.R. certification.
7 Attendance at a Universal Precautions in-service program and proof of HBV vaccination (or initiation of the series).

To continue in the athletic training major after formal admission, the student must earn no grade below C and maintain a grade point average of 2.75 or higher in all courses required for the major taken during the junior and senior years and attend a yearly HBV/Universal Precautions in-service.

Requirements for Major
66-69 semester hours, including PED 130, 140, 155, 160, 163, 211, 212, 213, 214, 240, 260, 311, 312, 313, 320, 325, 372, 376, 396, 401, 403, 404, 411, 412, 480; BIO 151, 152; CHE 105, 106, 107, 108 or CHE 161, 162, 163, 164; PSY 101.

Additional information on the athletic training program is available through the WVWC Office of Admission and in the Athletic Training Program Director's Office, Rockefeller Physical Education Center.



WEST VIRGINIA WESLEYAN COLLEGE

Buckhannon, WV 26201-2998
Phone (304) 473-8000

Admission (304) 473-8510 (Local)
1-800-722-9933

NOTICE OF NONDISCRIMINATION/AFFIRMATIVE ACTION

West Virginia Wesleyan College, a private educational institution, is committed to the principle of equal opportunity for all qualified persons, welcomes students of all backgrounds and takes pride in the diversity of its faculty and staff. It assures students of access to all the privileges, programs and activities generally accorded or made available at the College. West Virginia Wesleyan College strongly supports affirmative action principles and does not discriminate on the basis of creed, religion, national or ethnic origin, age, race, color, gender or handicap in the administration of its educational programs, admissions policies, financial aid programs, athletics, co-curricular activities or other College administered programs.

The *West Virginia Wesleyan Catalog* is published biennially by West Virginia Wesleyan College, Buckhannon, West Virginia 26201-2998. The provisions of this catalog are not to be regarded as an irrevocable contract between the student and the College. The College reserves the right to make and designate the effective date of changes in curriculum, course offerings, fees, requirements for graduation and other regulations, at any time such changes are considered to be desirable or necessary.

CHRISTOPHER
HALL OF SCIENC

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College Calendar
1998-99

1998 Fall Semester

August	29	Saturday	Orientation for new students begins
	30	Sunday	Residence halls open for returning students (5 pm)
	31	Monday	Registration
September	1	Tuesday	Classes begin (8 am)
	7	Monday	Deadline: Schedule changes and late registration
			Deadline: Pass/Fail application
	23	Wednesday	Deadline: Withdrawing from first quarter classes
	26-27	Sat.-Sun.	Family Weekend
October	6	Tuesday	Progress reports due in Registrar's Office
	9	Friday	Founders Day
	10	Saturday	Homecoming
	12	Monday	Incomplete grades from Summer School and Spring Semester due in Registrar's Office
	19	Monday	Second quarter classes begin
	23	Friday	Deadline: Adding/dropping second quarter classes
	30	Friday	Fall Recess (classes dismissed)
November	3-13	Tue.-Fri.	Registration (tentative)
	4	Wednesday	Deadline: Withdrawing from full-semester classes
	11	Wednesday	Deadline: Withdrawing from second quarter classes
	20	Friday	Thanksgiving Break begins (5 pm)
	29	Sunday	Residence halls open (12 noon)
	30	Monday	Classes resume (8 am)
December	11	Friday	Last day of classes
	14-17	Mon.-Thu.	Final examinations
	17	Thursday	Residence halls close (5 pm)
	21	Monday	Final grades due in Registrar's Office

1999 January Term

January	3	Sunday	Residence halls open (12 noon)
	4	Monday	January Term classes begin
	5	Tuesday	Deadline: Schedule changes and late registration
			Deadline: Pass/Fail application
	13	Wednesday	Deadline: Withdrawing from classes
	22	Friday	Final examination or last class

1999 Spring Semester

January	26	Tuesday	Registration
	27	Wednesday	Classes begin (8 am)
February	2	Tuesday	Deadline: Schedule changes and late registration
			Deadline: Pass/Fail application

	18	Thursday	Deadline: Withdrawing from first quarter classes
March	2	Tuesday	Progress reports due in Registrar's Office
	9	Tuesday	Incomplete grades from Fall Semester and January Term due in Registrar's Office
	15	Monday	Second quarter classes begin
	19	Friday	Deadline: Adding/dropping second quarter classes
	26	Friday	Spring Break begins (5 pm)
April	5	Monday	Residence halls open (12 noon)
	6	Tuesday	Classes resume (8 am)
	7	Wednesday	Deadline: Withdrawing from full-semester classes
	13-23	Tue.-Fri.	Registration (tentative)
	14	Wednesday	Deadline: Withdrawing from second quarter classes
	24-25	Sat.-Sun.	Spring Weekend
May	1	Saturday	Admission Open House
	7	Friday	Reading Day
	8-13	Sat.-Thu.	Final examinations
	13	Thursday	Residence halls close for nongraduating students (5 pm)
	15	Saturday	Baccalaureate
	16	Sunday	Commencement
	18	Tuesday	Final grades due in Registrar's Office

Summer School dates available after March 1.

1999-2000

1999 Fall Semester

August	28	Saturday	Orientation for new students begins
	29	Sunday	Residence halls open for returning students (5 pm)
	30	Monday	Registration
	31	Tuesday	Classes begin (8 am)
September	6	Monday	Deadline: Schedule changes and late registration Deadline: Pass/Fail application
	22	Wednesday	Deadline: Withdrawing from first quarter classes
	25-26	Sat.-Sun.	Family Weekend
October	5	Tuesday	Progress reports due in Registrar's Office
	11	Monday	Incomplete grades from Summer School and Spring Semester due in Registrar's Office
	15	Friday	Founders Day
	16	Saturday	Homecoming
	18	Monday	Second quarter classes begin
	22	Friday	Deadline: Adding/dropping second quarter classes
	29	Friday	Fall Recess (classes dismissed)
November	2	Tuesday	Deadline: Withdrawing from full-semester classes
	2-12	Tue.-Fri.	Registration (tentative)
	10	Wednesday	Deadline: Withdrawing from second quarter classes

	19	Friday	Thanksgiving Break begins (5 pm)
	28	Sunday	Residence halls open (12 noon)
	29	Monday	Classes resume (8 am)
December	10	Friday	Last day of classes
	13-16	Mon.-Thu.	Final examinations
	16	Thursday	Residence halls close (5 pm)
	20	Monday	Final grades due in Registrar's Office

2000 January Term

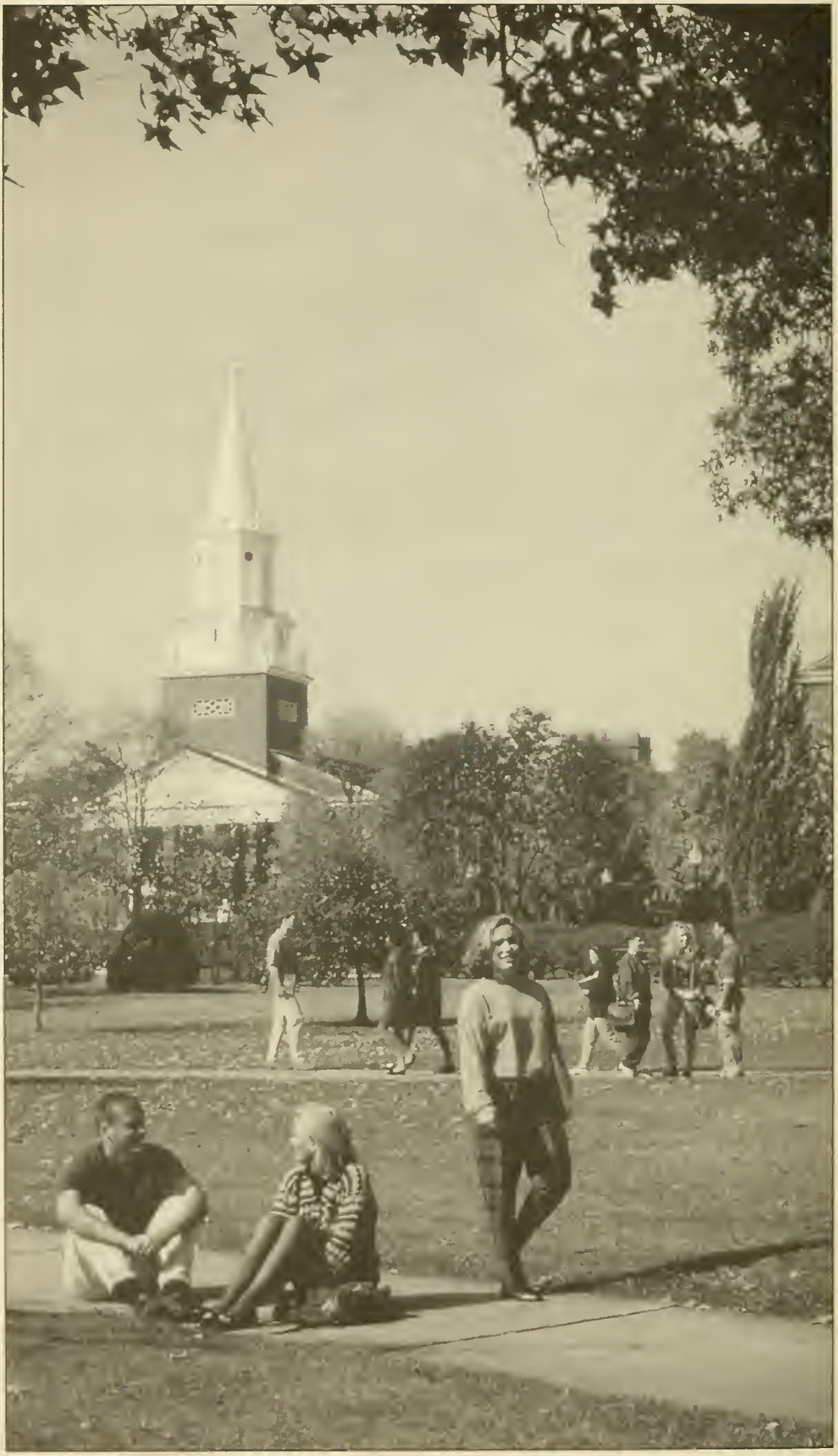
January	2	Sunday	Residence halls open (12 noon)
	3	Monday	January Term classes begin
	4	Tuesday	Deadline: Schedule changes and late registration
			Deadline: Pass/Fail application
	12	Wednesday	Deadline: Withdrawing from classes
	21	Friday	Final examination or last class

2000 Spring Semester

January	25	Tuesday	Registration
	26	Wednesday	Classes begin (8 am)
February	1	Tuesday	Deadline: Schedule changes and late registration
			Deadline: Pass/Fail application
	17	Thursday	Deadline: Withdrawing from first quarter classes
March	1	Wednesday	Progress reports due in Registrar's Office
	7	Tuesday	Incomplete grades from Fall Semester and January Term due in Registrar's Office
	13	Monday	Second quarter classes begin
	17	Friday	Deadline: Adding/dropping second quarter classes
			Spring Break begins (5 pm)
	26	Sunday	Residence halls open (12 noon)
	27	Monday	Classes resume (8 am)
April	4	Tuesday	Deadline: Withdrawing from full-semester classes
	11	Tuesday	Deadline: Withdrawing from second quarter classes
	11-21	Tue.-Fri.	Registration (tentative)
	15-16	Sat.-Sun.	Spring Weekend
	21	Friday	Good Friday recess
	24	Monday	Easter Monday recess
	25	Tuesday	Classes resume (8 am)
	29	Saturday	Admission Open House
May	5		Last day of classes
	6-11	Sat.-Thu.	Final examinations
	11	Thursday	Residence halls close for nongraduating students (5 pm)
	13	Saturday	Baccalaureate
	14	Sunday	Commencement
	16	Tuesday	Final grades due in Registrar's Office

Summer School dates available after March 1.

Calendar subject to modification in the interest of the total College program.



West Virginia Wesleyan College

Unite the pair so long disjoined, knowledge and vital piety.
—Charles Wesley

Statement of Mission

West Virginia Wesleyan College challenges its students to a life-long commitment to develop their intellectual, ethical, spiritual, and leadership potential and to set and uphold standards of excellence. Firmly rooted in the liberal arts tradition and closely related to The United Methodist Church, the College is a community of learning based on fundamental principles formed at the intersection of Christian faith and liberal education: intellectual rigor, self-discovery, human dignity, mutual support, social justice, self-discipline, mental and physical wellness, the appreciation of diversity and the natural world, and the judicious use of resources. The College recognizes and affirms its interdependence with the external communities—local, regional, national, and global—and its covenant with the people of West Virginia to share its educational and cultural resources.

West Virginia Wesleyan College prepares its students through its curriculum of arts and sciences, preprofessional and professional studies, and its rich campus life program. As a residential, undergraduate institution of higher education, the College aspires to graduate broadly educated men and women who

- Think critically and creatively,
- Communicate effectively,
- Act responsibly, and
- Demonstrate their local and world citizenship through service.

A Brief Early History

The mission of West Virginia Wesleyan College is reflected in good measure in its name. Its founding in 1890 by the West Virginia Annual Conference of the Methodist Episcopal Church climaxed a 16-year effort to establish a center of learning in the then-young state that would reflect the values of the Methodist community, meet the church's need for an educated leadership, and provide an educational resource for the general citizenry of the state and region.

Although the founders were always loyal to these overarching principles, the immediate catalyst for the College's establishment was perhaps less lofty: by 1882, Methodists believed they had "lost control" of West Virginia University in Morgantown,

leading to an exodus from the state university of Methodist students who now sought an educational alternative.

Originally known as the West Virginia Conference Seminary, the new school opened September 3, 1890, in a splendid new three-story brick building located on the present site of the Lynch-Raine Administration Building. (The original building was destroyed by fire in 1905 and replaced the following year by the current structure.) In keeping with the tradition of seminaries or academies of the day, it offered largely pre-college instruction. Bennett W. Hutchinson, a graduate of Ohio Wesleyan University and Boston University School of Theology and an ordained minister, came from Massachusetts to accept the presidency. Mr. Roy Reger of Buckhannon was the first of 201 students to enroll that first year.

Full-fledged college work was initiated in 1900 and gradually expanded until the first baccalaureate degrees were awarded in 1905. After one year as Wesleyan University of West Virginia, the name was officially changed in 1906 to West Virginia Wesleyan College, in honor of Methodism's founder, John Wesley. Pre-college work continued through 1922-23, when it was deemed no longer necessary due to the growth of high schools in the state.

The early beginnings of the College were modest, and the fledgling school was frequently plagued by debt, debt that became particularly threatening during the Great Depression of the 1930s. But the shortage of fiscal resources never dampened the vision of the College community and its supporters. By 1939, when the three major Methodist bodies united to become the Methodist Church, leaders of the College dreamed of making Wesleyan the outstanding liberal arts college in the state—a challenging vision for a financially struggling college of fewer than 500 students.

Historians of the College credit Thomas W. Haught, an 1894 graduate of the Seminary, 20-year academic dean (1909-1929), long-time faculty member, and three-time acting president, as one of Wesleyan's most influential champions of academic

excellence. In addition to strengthening the faculty and the emphasis on academics, he led efforts to achieve initial accreditation by the North Central Association of Colleges and Secondary Schools in 1927.

For many, the presidency of Dr. Stanley H. Martin (1957-1972) marks the period of the College's most dramatic growth, measured in student enrollments, increasing academic stature, and an expanding physical plant. It was largely his vision that gave the campus its present Georgian character. Wesley Chapel, Christopher Hall of Science, the Benedum Campus Center, Jenkins Hall, Doney Hall, Holloway Hall, McCuskey Hall, and the Martin Religious Center are tangible expressions of the expansion that characterized President Martin's tenure.

Many features of modern campus life at Wesleyan have long traditions. An example is football, which was introduced in the pre-college seminary in 1898. The school colors of orange and black go back to that very first game, when fullback and team captain Frank Thompson wore a turtleneck sweater in Princeton University's orange and black to honor two football greats of that university. A more comprehensive athletic program was formally organized at the collegiate level in 1902. Early sports included football, baseball, basketball, and gymnastics—all for men only.

Music was an important part of campus life, beginning in 1890 when two pianos and an organ were installed in the seminary's new building. In 1902, the current Annex Building was constructed as the Conservatory of Music, the College's first building dedicated solely to academic purposes. The Greek system was initiated on campus in 1925, when the Board of Trustees authorized the establishment of two sororities and three fraternities. And as early as 1910, the Wesleyan Volunteer Band—followed in 1930 by the Student Volunteer Movement—established a tradition of service among Wesleyan students, concentrating in those early years on foreign missions of the Christian church, but also maintaining strong ties to the local community.

Much has changed in higher education and in West Virginia since West Virginia Wesleyan College was established. Yet the founders would recognize much of today's curriculum and many of today's campus traditions as worthy continuations of their early efforts.

Learning Environment

West Virgina Wesleyan College offers exceptional technological and physical facilities to create an environment ideally suited for teaching and learning. The elegant steeple and classic Georgian design of Wesley Chapel set the architectural style of the campus, while IBM ThinkPad computers issued to students and faculty form the keystone of a comprehensive technology infrastructure.

As an IBM ThinkPad University, the College provides a notebook computer for each entering student. Computer users receive support through regularly scheduled training sessions and through a central computer Help Desk. A high-speed network, which utilizes an ATM backbone and switched Ethernet technology to link all buildings on campus, provides connectivity to the Internet. Computer users may connect to the network from any residence hall room, classroom, laboratory, faculty office, meeting room, or other social space.

The oldest of Wesleyan's 32 buildings is Agnes Howard Hall, built in 1895 and listed on the National Register of Historic Places. It is one of ten residence halls on campus. Among the College's newest facilities are the French A. See Dining Center, completed in 1995, and the Benedum Campus Center, renovated in 1997. Together with the Chapel and Religious Center, the Physical Education Center, and other

special facilities described elsewhere in this publication, these buildings set in the park-like atmosphere of the campus offer students an attractive place to live and work.

Key academic buildings of the College include Christopher Hall of Science, home of Wesleyan's outstanding programs in biology, chemistry, computer science, engineering physics, environmental science, mathematics, physics, and psychology. Modern, well-equipped laboratories complement the building's planetarium, herbarium, and greenhouse. Christopher Hall also houses the Computer Center, with IBM Pentium PC labs as well as Digital Alphaservers to support instructional and administrative computing and high-speed printing.

The Loar Memorial Building provides classrooms, practice rooms, and private studios for vocal and instrumental faculty in the Department of Music. Its recital hall seats audiences of 165 for performances and serves as rehearsal space for the department's many ensembles. Its memorial lounge provides an attractive setting for formal gatherings. In keeping with Wesleyan's commitment to educational technology, Loar Memorial Building has a computer music lab integrating personal computers with instrumental keyboards for music composition, sequencing, analysis, and performance in an interactive group setting.

The Annie Merner Pfeiffer Library provides digital, multimedia, and print information resources in support of the college curriculum and lifelong learning. Library information, including the catalog, electronic books and journals, databases, and reference resources, is available on the Wesleyan computer network. The campus collection of over 150,000 volumes, 700 subscriptions, and 10,000 media materials is extended by electronic access to bibliographic, text, and image files. In addition to its information resources, the Library provides media viewing facilities, a computer lab, areas for group study, wireless network connectivity throughout the building, and a quiet place for reading and reflection.

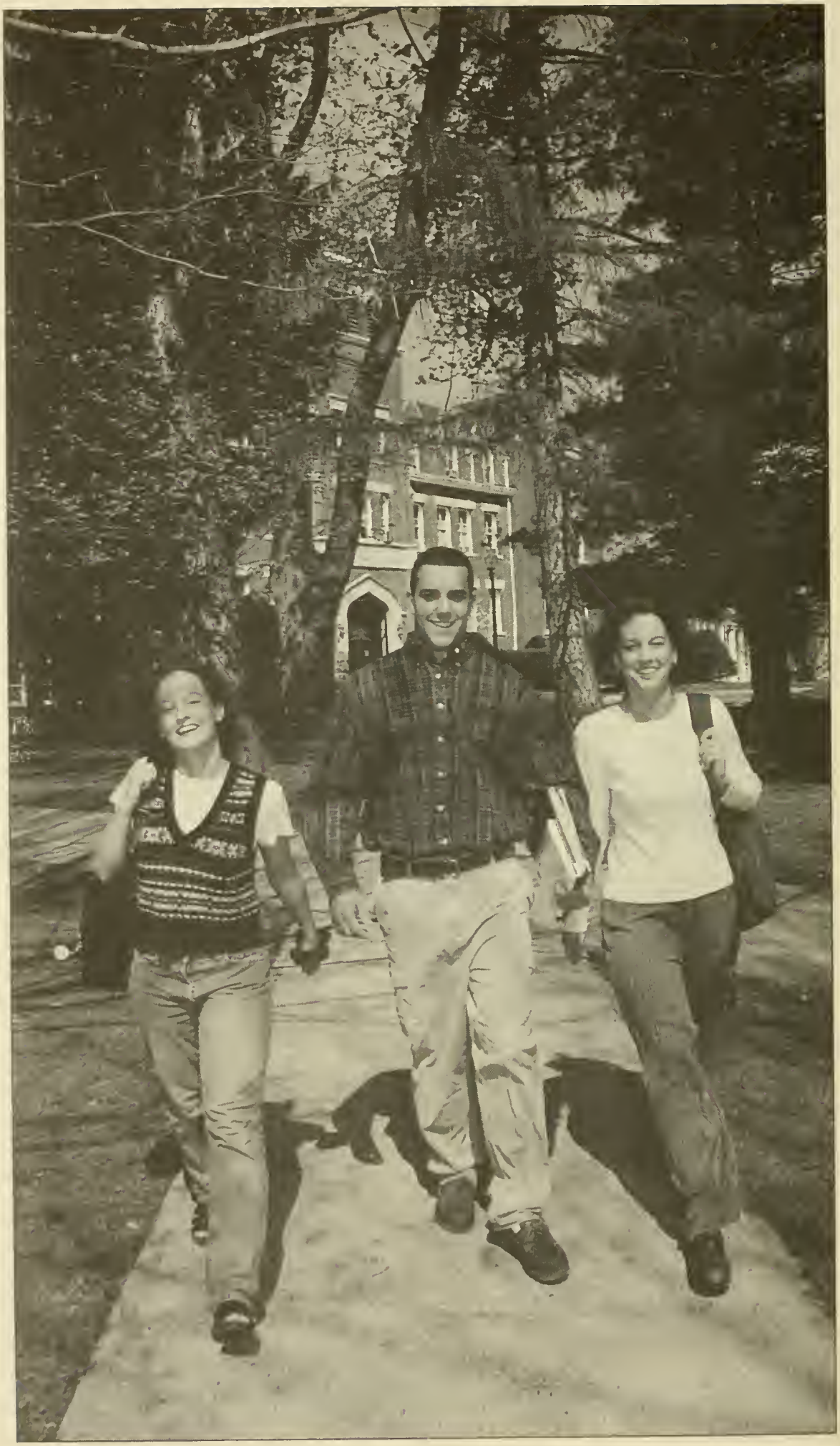
Together, the technological and physical facilities at West Virgina Wesleyan College provide an outstanding setting for college life. They are a significant resource for a college program that prides itself on its excellent educational offerings, its outstanding faculty, and its wide variety of cultural, social, and athletic events.

Wesleyan Accreditation

West Virginia Wesleyan is accredited by the North Central Association of Colleges and Schools and approved by the University Senate of The United Methodist Church. It is a member of the National Association of Schools of Music and is approved by the West Virginia Department of Education and the National Council for the Accreditation of Teacher Education. The College participates in the Interstate Certification Project, whereby a number of states certify teachers graduating from Wesleyan's Department of Education. The nursing program is accredited by the National League for Nursing Accrediting Commission (350 Hudson St., New York, NY 10014; telephone 1-800-669-9656 ext. 153) and approved by the State of West Virginia Board of Examiners for Registered Nurses.

The College holds membership in the Appalachian College Association, The National Association of Independent Colleges and Universities, the American Association of Colleges for Teacher Education, the National Association of Schools and Colleges of The United Methodist Church, Campus Compact, and the Council of Independent Colleges.

Wesleyan's athletic programs are affiliated with the West Virginia Intercollegiate Athletic Association and the National Collegiate Athletic Association, Division II.



Admission

Wesleyan seeks students with inquiring and creative minds who will profit from a liberal arts program in an atmosphere of freedom with responsibility.

Students are selected by the Office of Admission on the basis of ability, interests, academic preparation, character, and promise, as indicated by their own statements on the application, as well as by high school or college records, recommendations, and standardized test results. Since applicants are considered on their own merit, the College invites applicants for admission to supply further evidence to indicate their competence and eagerness to deal with a demanding and exciting program.

Open without discrimination to all qualified students, the College reserves the right to refuse to admit any applicant who, because of low scholarship or citizenship record, is deemed by the Admission and Academic Standing Council to be unlikely to succeed within the standards the College seeks to maintain.

High School Graduates

Persons wishing to be admitted directly from high school should present the following items to the Director of Admission:

1 An application for admission on a form furnished by the College with the $25 fee (non-refundable). The application may be submitted through the Internet from the West Virginia Wesleyan College Home Page (http://www.wvwc.edu/admissions).

2 A transcript of record from an accredited high school showing courses pursued, grades earned, and credits earned in at least grades 9 through 11. In addition to any transcript used in the application process, a final copy certifying graduation must be submitted prior to actual enrollment. Students who have taken college courses while in high school must submit an official transcript to document all college work.

3 A record of either SAT I (Scholastic Aptitude Test) or ACT (American College Test) scores.

Applicants for the Special Support Services Program may request details about additional application requirements and deadlines from the Office of Admission.

Applicants from non-accredited high schools or completing General Educational Development testing may be considered for admission if satisfactory ability and achievement are demonstrated.

For students interested in the Wesleyan Early Decision Program, completed applications must be received by Wesleyan before December 1. Students are notified of admission decisions within three weeks of the receipt of their completed admission files. Early Decision students who are accepted to West Virginia Wesleyan agree to withdraw applications from all other colleges and submit a non-refundable $200 enrollment deposit by January 15.

For students applying for regular admission, West Virginia Wesleyan processes applications on a rolling basis. Notification letters of admission decisions are sent after November 15. Upon receipt of all required information after November 15, an admission committee reviews applications and notifies applicants of its decisions, normally within three weeks. It is recommended that incoming freshmen apply before March 1. Merit scholarship candidates should apply before February 1.

Transfer Students

Persons seeking to transfer from another accredited college or university may be admitted to advanced standing upon presentation of the following items to the Office of Admission:

1 An application for admission on a form furnished by the College with the $25 fee (non-refundable). The application may be submitted through the Internet from the West Virginia Wesleyan College Home Page (http://www.wvwc.edu/admissions).

2 An official transcript showing all credits attempted at all post-secondary institutions previously attended.

3 A high school transcript certifying graduation and showing courses pursued and grades earned and, if the cumulative college grade point average is less than 2.5, either SAT I or ACT scores.

Wesleyan will accept for transfer credit courses compatible with its academic program. Grades and hours so earned shall count toward graduation. Nursing transfer students should refer to the nursing program in this catalog.

Credit for courses taken in non-accredited institutions may be accepted by special arrangement. See Transfer Credit, page 56.

Admission With Associate Degree

Students who transfer to Wesleyan with an associate degree from a regionally accredited community or junior college may be admitted with the degree credited as fulfilling Wesleyan's general studies requirements when the total educational background, including high school record, shows compatibility with Wesleyan's general studies requirements. Deficiencies in general studies requirements, as determined by the Admission and Academic Standing Council, must be satisfied after enrollment at Wesleyan. West Virginia Wesleyan College does not accept more than 68 semester hours of credit from a junior or community college.

Readmission of Former Students

Former students who were in good standing may be readmitted upon completion of the appropriate forms in the Admission Office.

Former students who were not in good standing may seek to be readmitted after meeting the conditions stated at the time of dismissal and upon completion of the appropriate forms. Transcripts of any credits completed at other institutions of higher

learning should be filed with the application for readmission, which is available upon request from the Office of Admission.

Other Classifications

International Students

The primary language of instruction at Wesleyan is English. The College offers a program in English as a Second Language (ESL) to assist international students whose primary language is not English. Applicants from abroad will be required to certify their language competency through a TOEFL score of 550, or they may be required to enroll in courses in the ESL program. This program carries an additional fee. Information on required standards and a special application form are available from the Office of Admission.

Alternative Entry Program

The Alternative Entry Program is designed to meet the needs of those persons 25 years of age or older who are interested in pursuing an academic degree program. Alternative Entry credit allows the possibility of life experience and noncollegiate educational credits being applied toward the degree, based on the student's background and work experience. Up to 30 hours of credit may be achieved through the program. Evaluations will be made by the Alternative Entry Program Coordinator. Contact the Academic Affairs Office for more information.

Conditional Admission

At the discretion of the Director of Admission and the Dean of the College, students may be admitted conditionally or on academic probation. All restrictive conditions will be specified at the time of admission. Those who fail to meet the conditions and/or maintain a satisfactory record are subject to dismissal. See the Academic Status section in this catalog for details.

Special Category

Students wishing to take one or more courses without pursuing a degree from Wesleyan must submit a special student application for each semester that they plan to enroll. No student financial aid is available for special category students. Contact the Office of Admission for details.

Advanced Placement By Examination

The College participates in the Advanced Placement Program of the College Entrance Examination Board. Students who have taken and satisfactorily passed college-level courses in high school and who have passed the Advanced Placement Examination of the Educational Testing Service at the level of three or higher may apply to the College for credit or advanced placement in these subjects. These examinations are administered in the spring. Applicants must have results sent to the Office of Admission for verification prior to the fall semester.

Wesleyan accepts credit by examination, including the Advanced Placement Program and the College Level Examination Program (CLEP). Information on credit by examination is available from the Office of the Registrar.

Expenses and Financial Aid

Expenses

Application Fee

The application fee for admission is $25.

Enrollment Deposit

All new students, including freshmen, transfers and former students who have been readmitted, shall make an enrollment deposit with the Admission Office in the amount of $200. This deposit will be treated by the Bursar's Office as an advance payment against the student's account. The deposit may be refunded to prospective students who notify the College in writing of withdrawal not later than May 31.

Orientation Fee

To cover the cost of the Orientation program, each new student pays an additional charge of $100.

Estimate of Expenses

1998-99	Fall Semester	Spring Semester	Year
Tuition	$7,875	$7,875	$15,750
Activity Fee	100	100	200
Laptop Fee	250	250	500
Technology Fee	150	150	300
Room (Double Occupancy)*	1,008	842	1,850
Board (20 Meal Plan)*	1,240	1,035	2,275
Total	$10,623	$10,252	$20,875

*Fall Semester includes Room and Board costs for January Term.

This estimate does not include miscellaneous fees, books, travel, clothing, accident and sickness insurance, amusements, and other personal expenses.

The College reserves the right to change any of the charges at any time.

Tuition

Academic Year: The tuition charge (1998-99) is $7,875 per semester for all students carrying 12 through 18 credit hours of work. For students carrying 9 through 11 credit hours of work, the charge is $660 per credit hour. For those carrying 7 or 8 credit hours, the charge is $475 per credit hour, and for those carrying 6 credit hours or fewer, the charge is $290 per credit hour. For each credit hour carried in excess of 18, the charge is $330.

Summer School: The tuition charge for courses taken during the summer session is $290 per credit hour.

Private Instruction: There are special charges for private instruction in any course not regularly scheduled. Registration for such a course is permitted only in the most extraordinary cases, and must be approved in advance by both the Dean of the College and the instructor.

M.B.A. Program: The tuition charge for graduate study in the M.B.A. program is $290 per credit hour.

Miscellaneous Fees

Students enrolled in certain courses or programs may be assessed special fees to cover unique expenses.

Accident and Sickness Insurance: Accident and sickness insurance is required for all students unless they submit a Student Waiver Card showing that they are covered by medical insurance. The annual cost is $175. (See Health Services in the Student Life section.)

Activity Fee: Full-time students are assessed an activity fee of $100 per semester for the fall and spring semesters.

Applied Music Fee: For individual instruction in music the charge is $150 per credit hour.

Auditors: Auditors pay $50 for any course audited. However, if an audited course does not constitute an overload for a full-time student, no audit fee is required. If any portion of the course audited represents an overload, the full fee of $50 shall be due.

Automobile Registration Fee: The automobile registration fee is $50 per year.

Breakage and Damage to Property: A charge will be made to cover the cost of equipment broken in laboratories.

A charge will be made to cover any damage done to College property beyond the wear caused by normal and proper use thereof. Damage in College housing not chargeable to an individual will be shared by occupants of the residence hall, floor, or other designated area.

Credit by Examination: The fee for all types of credit by examination is $140 for each examination. Fees are not refundable.

English as a Second Language Program: For enrollment in English as a Second Language courses the charge is $125 per credit hour.

Graduation and Diploma: During the registration period for the semester or summer term in which students complete requirements for a degree, they will pay a graduation and diploma fee of $50.

January Term: Students enrolled full time either first or second semester will incur no additional tuition charges for the January Term experience. Part-time students will pay the tuition charge of $290 per credit hour.

Room and board charges for fall semester and January term are due at the beginning of the fall semester. Students who live in residence halls during fall semester and move out during January Term may have their board prorated and receive a refund. Only students enrolled in a West Virginia Wesleyan January Term course that requires them to live off campus during January Term may have their room prorated and receive a refund.

Laptop Fee: A laptop computer fee of $250 per semester is charged to all students who are issued a laptop computer.

Late Application for Degree: A charge of $20 is made for any application for a degree filed less than 12 months prior to anticipated completion of degree requirements.

Late Registration: A charge of $50 is made for failure to register by the designated final registration day for any term of enrollment.

Recording Fee: Students who desire to have noncredit internships recorded on their permanent academic record must secure approval of the Director of Contract Learning and pay a recording fee of $50.

Room Deposit: Enrolled students who plan to live in College housing the following year shall pay a room deposit in the amount of $100 not later than the last day of spring semester exams each year. This deposit will apply toward the student's account for the following semester. This deposit may be refunded if the student notifies the College in writing not later than July 1 that he or she is withdrawing from college.

Special Support Services: Students accepted into the Support Services Program for students with learning differences are charged $1,850 per semester for the first year of participation and $1,000 per semester for the second year. The charge for the third year is $500 per semester and for the fourth year, $250 per semester. The charges are for services over and above those required by the Americans with Disabilities Act.

Teacher Education Fee: All students in teacher education will pay a $160 fee for the semester in which they do student teaching.

Technology Fee: A technology infrastructure fee of $150 per semester will be charged to all students.

Transcripts: One transcript of a student's record is furnished free. A charge of $3, payable in advance, is made for each additional transcript. An application for a teacher's certificate completed by the College constitutes a transcript.

Terms of Payment

Students will be billed in advance of each semester by the Office of the Bursar for tuition, fees and other applicable charges. Account balances must be paid in full before each enrollment period OR arrangements must be made to pay via one of the College's payment plans administered by Tuition Management Systems (TMS). These plans allow charges to be spread over nine, ten, eleven, or twelve equal monthly payments. Mastercard/Visa will also be accepted.

This payment policy is intended to provide a means of assisting in financing and arranging payment on the student account after awarded financial aid has been applied.

Students with unsettled accounts will not be permitted to register.

Students are not eligible to receive transcripts of credits or diplomas until all charges are paid in full.

Refunds

Funds in excess of institutional costs are refunded to the student after the schedule change period and must be requested in writing. Refunds are subject to the following regulations:

1 For a student withdrawing from the College because of illness, or for other reasons approved by the College, the following refund schedule will be used:

Fall and Spring Semesters

Within 2 weeks.....80% of tuition refunded
2 to 4 weeks .....60% of tuition refunded
4 to 6 weeks .....40% of tuition refunded
After 6 weeks.....No refund

Summer School & January Term

Within 3 class days.....80% of tuition refunded
4 to 6 class days.....60% of tuition refunded
7 to 9 class days.....40% of tuition refunded
After 9 class days.....No refund

(Students making schedule changes moving them from full-time to part-time status or reducing their part-time load after the first five days of a semester or the first two days of a summer term will receive refunds of the difference in tuition charges according to the schedule listed above for withdrawal from the College.)

2 A student withdrawing from the College during a semester or summer term for any reason other than those stated in 1 above will receive no refund of tuition charges.

3 A student withdrawing from the College during a semester or summer term will receive no refund of charges for room or mandatory fees.

4 A student withdrawing from the College during a semester or summer term, for any reason, will be refunded a part of the charges for board proportionate to the

number of days of the semester or summer term remaining after the meal ticket is surrendered.

5 A student dismissed for disciplinary reasons will receive no refund of any charges, except for board, as provided under 4 above.

6 A student asked to vacate a residence hall room for disciplinary reasons will receive no refund of charges for room.

7 Special conditions related to the January Term are explained in the January Term catalog.

Refunds of financial aid for students withdrawing prior to completing the term or reducing credit hours to below full-time status are in accordance with institutional policy and certain federal and state regulations.

These regulations require a refund to the student of the larger of three calculations: the refund required by state law, the refund required by the institution's accrediting agency, or the statutory pro rata refund, if applicable. The statutory pro rata refund applies to any student who is attending the school for the first time and leaves on or before the 60 percent point of the enrollment period for which he or she has been charged. West Virginia Wesleyan has incorporated the state and accrediting agency guidelines in its institutional policy. If pro rata does not apply, the institutional policy is compared to federal requirements and the calculation providing the larger refund to the student is used.

All refund calculations take into account any unpaid institutional charges, the length of the enrollment period, all of the student's educational costs for the enrollment period, and amounts paid toward institutional charges (including financial aid and cash paid by student). Federal workstudy earnings are never included in the calculation, and only the loan amounts actually received are used.

West Virginia Wesleyan's refund policy conforms to federal standards governing Title IV funds, i.e., Pell, SEOG, CWS and Perkins, Direct Stafford, and Direct PLUS loans.

Scholarships and Student Financial Aid

Financial aid at West Virginia Wesleyan College is available on the basis of scholastic achievement, special talents and abilities, and financial need. Awards are given for a period of one academic year, beginning in August. Students must reapply for all financial assistance each year.

More detailed information is available from the Financial Planning Office or Admission Office. The following describes general guidelines and resources.

Requirements governing eligibility to receive financial aid: An applicant must be enrolled as a full-time student and must maintain satisfactory academic progress to remain eligible for institutionally funded aid. Recipients of federal Title IV aid must also maintain satisfactory progress but may be enrolled less than full time. Total institutional assistance cannot exceed billed costs (tuition, fees, room, board). For financial aid purposes, fraternity housing has the same cost budget as on-campus housing.

To determine satisfactory academic progress (ability to complete a baccalaureate degree as a full-time student in five years), the following progress scale will be used:

Semesters Completed	1	2	3	4	5	6	7	8	9	10
Minimum Hours Earned	12	24	37	50	63	76	89	102	115	128
Minimum Cumulative GPA	1.60	1.75	1.80	2.0	2.0	2.0	2.0	2.0	2.0	2.0

Academic progress is reviewed at the end of each completed academic year.

If enrollment status falls below full time (12 hours per semester), financial aid awards may be reduced or cancelled and academic progress may be affected. The student should consult a Financial Planning counselor before reducing hours to below full-time status or substituting special programs such as External Education, Outreach, or developmental courses for regular day-time classes.

Students not making satisfactory academic progress for renewal of financial aid will be notified by the Office of Financial Planning. The student should submit a written appeal within 15 days of notification if special circumstances need to be considered.

A probation period of one year will apply to all incoming students with merit awards that have specific renewal criteria. After the probationary year, students who do not achieve the required cumulative GPA will receive need-based awards for which they qualify.

Grade levels for federal loans will be in keeping with institutional classification according to credit hours earned: 0-31, freshman; 32-63, sophomore; 64-95, junior; 96+, senior.

Procedure to follow when applying for financial aid: (1) When first applying, complete the West Virginia Wesleyan Application for Admission and return it to the Admission Office. (2) Carefully complete the Free Application for Federal Student Aid (FAFSA) and submit it before March 1 to receive primary consideration from available resources.

General information: Financial aid awards for entering students are announced beginning in March; awards for returning students with completed forms are made in

May. Renewal forms are made available to returning students in advance of scheduled deadlines. May 1 is the priority deadline for institutionally funded awards.

The College will credit any funds received to the student's account until all institutional charges have been paid, subject to program limitations. Grants, scholarships, and loans will be credited to the student's account (half each semester or as stated); student work earnings will be paid to the student by check on the fifteenth day of the month following the month worked. Federal regulations governing Title IV programs require that financial information for selected applicants be verified before funds can be credited to a student. If selected for verification, students and parents will be notified and given 60 days to provide required documentation and complete the process.

Scholarships

Wesleyan Scholars Program: To recognize and encourage academic excellence, merit scholarships providing full tuition are awarded annually to outstanding incoming freshmen. These are renewable for four years based on continued exceptional academic performance and Honors Program participation. Information on the application process is available from the Admission Office. The deadline for application is February 1 with selection in March.

Academic Scholarship Program: To recognize significant academic achievement and extracurricular involvement, scholarships are awarded to outstanding freshman and transfer students. Students meeting the academic criteria will be awarded scholarships which can be renewed annually based on continued high academic performance and extracurricular involvement. Information on the application process, required standards, and renewal requirements is available from the Admission and Financial Planning offices.

Leadership Awards: Awards are made to students who demonstrate strong leadership capabilities or dedication to community service.

Wesleyan Grants: These awards assist full-time applicants who show financial need.

Performing and Visual Arts Scholarships: These recognize superior contributions to the campus in music, art, and drama.

Athletic Scholarships: These recognize achievement in intercollegiate athletics.

Legacy Scholarships: Awards of $1,000 per year, renewable for four years, are made to eligible dependents of Wesleyan graduates who have been accepted for admission as freshmen. Eligibility is based on information provided on the admission application. The combination of a Legacy Scholarship and other College-funded financial assistance cannot exceed annual tuition cost.

Ministerial Grants: These provide one-half tuition aid at Wesleyan for unmarried dependent children (under age 23) of the following members of the West Virginia and Western Pennsylvania conferences of The United Methodist Church: full-time ordained ministers, full-time local pastors with at least three years of service, diaconal ministers, and conference missionaries. They provide one-fourth tuition aid for dependents of such members of other conferences of The United Methodist Church.

National United Methodist Scholarships: The Board of Higher Education and Ministry of The United Methodist Church annually awards several West Virginia Wesleyan students (usually upperclassmen) scholarships of $500 to $750 each. In order to qualify, a student must meet the general requirements for admission to the College, have been a member of The United Methodist Church for at least one year prior to date of application, be outstanding in Christian motive and purpose, and rank high in scholarship. National United Methodist Scholarships may be renewed, subject to the same conditions as govern original awards. Funds for this program come from the annual Methodist Student Day offering for the Student Loan and Scholarship Fund.

Restricted Scholarships: Various special and restricted scholarships have been established at Wesleyan. These vary in amount and are awarded by the Director of Financial Planning according to specific criteria of the donors.

Dr. H. Pat and Betty Lou Furr Albright Scholarship
Harold D. and Lois Flanagan Almond Scholarship
Nora Amundson Memorial Scholarship
The Reverend F. V. Arnett Scholarship
Leland S. Arnold Memorial Scholarship
Lelia Rosa Bailey Scholarship
Sophia Banes Scholarship
Bank One Scholarship
Brian Michael and Christopher Alan Barosh Scholarship
Bayard United Methodist Church Scholarship
Beckley District United Methodist Scholarship
John L. Bennett Scholarship
James Nathan Berthy, Jr. Memorial Award
Sara Elizabeth Blake Scholarship
Bly Family Scholarship
W. Chilton Bobbitt and Alta Heaton Bobbitt Scholarship
Kathryn Bodie Scholarship
Maria D. Boette Scholarship Fund
Brooke Family Scholarship
Burgess Property Scholarship
Beatrice Bullington Scholarship
Basil Burns Scholarship
Margie Strader Burns Scholarship
Caldabaugh Family Scholarship
Capital Campaign Scholarship
Mary Alice Reger Carter Scholarship
Centennial Scholarship Fund
V. Russell Chapman Scholarship
Christian Education Scholarship
Class of 1940 Centennial Scholarship
Class of 1959 Scholarship
Class of 1960 Scholarship
A. F. and Carrie Clendenin Scholarship
George and Gertrude Colvin Scholarship
Conference Centennial Scholarship
Dr. A. D. Coppinger Scholarship
Albert Cox Business Scholarship
Alma Tenney Cox Education Scholarship
Joe Merrells Cox Drama Award
Maggie Merrells Cox Scholarship
Nelson and Nina C. Cox Scholarship
C. Ross Culpepper Scholarship
Marvin Culpepper History Scholarship
Olive O'Dell Culpepper Trustee Scholarship
The Reverend & Mrs. M. H. Cummings Memorial Scholarship
M. and H. Cummings Nursing Scholarship
Curry Memorial Scholarship
Scott Munson Cutlip Scholarship
Neva Moss Cutshall Scholarship
Hazel Cline Dillon Scholarship for Women
George and Virginia Dixon Scholarship
Gerald Donahue Scholarship
Pearl Dorsey Scholarship
Lionel and Margaret Driscoll Scholarship
Ira G. Duncan Scholarship
Thomas B. Dunn Scholarship
Hank Ellis Scholarship
Ethel M. Erickson Scholarship
Sandra June Tomasic Esaias Memorial Scholarship
Everett's West Virginia Scholarship
Falls Mill Weston District Scholarship
Bonnie Farnsworth Scholarship
Fehrman-Thornton Scholarship
Robert and Kathy Fletcher Scholarship
Cecil and Letty Flynn Scholarship
William Drummond Foster Scholarship
D. W. Fox Scholarship
Laura Hortense Frazer Scholarship
Edith Leona Freeman Scholarship
Eliza Logan Frissell Scholarship
Kathleen M. Fulk Scholarship Fund
Thorold S. Funk Scholarship
James W. and Virginia Holloway Furbee Scholarship
Garrett County Scholarship
G. E. Gaston Scholarship
Marie Gaston Memorial Scholarship
Albert V. Gemmill, III Scholarship
William H. Gilmore Scholarship
Mary Katherine Gleason Scholarship
Stanley Norris Gluck Scholarship
Addie Scribner Graves Scholarship
Dr. L. S. Grose Memorial Scholarship
L. S. and E. B. Grose Scholarship
Lois Grose English Scholarship
Grove Scholarship
Thaddeus Gurdak Scholarship
Sherman Hagaman Scholarship
Dr. William A. Hallam Scholarship
Hammer Sisters Scholarship for Education

Teresa B. Hanes Scholarship
Mary Elizabeth Hardesty Nursing Scholarship
Hartman/Bauer Memorial Scholarship
Gene Shumaker Hebb Scholarship
Ida Tenney Hersman Scholarship
Arnim C. Hinkle Scholarship
Jan Hinkle Scholarship
Ellen Hoff Scholarship
Irma Holderby Scholarship
Bill Hughes Tennis Scholarship
Nicholas Hyma Scholarship
Myron B. and Cecile West Hymes Memorial Scholarship
Louise Thomas Jeffries Scholarship
Pearl Lowe Johnson Scholarship
E. Ray Jones Scholarship
The Jones-Holtzworth Scholarship
Professor J. E. Judson Scholarship in Biology
Minetta Cox Justice Scholarship
A. Kelly Memorial Scholarship
George A. Kinley Scholarship
Kirchner Memorial Scholarship
James Knight Scholarship
Jean Holloway Kurlinski Scholarship
Hugh A. and Alice Latimer Scholarship
James P. and Ruth F. Law Scholarship
Dorothy Lee Scholarship
Hall B. Liles, III, Scholarship
Ross and Ruby Linger Scholarship
Allison Linkinogger Memorial Scholarship
G. W. Loar Scholarship
Judson H. Loar Scholarship
Mary G. Loar Scholarship
E. Kidd Lockard Scholarship
Glen W. Maddy Scholarship
Mahan Scholarship
Thomas Allen Manfuso Scholarship
Stanley H. Martin Scholarship
William Burdette Mathews Memorial Scholarship
Victor and Gayle Mavar Scholarship
Reta Heavner Maxwell Scholarship
Esther T. McAllester Scholarship
McCune Foundation Scholarship
McCuskey Memorial Scholarship
Charles McKinney Scholarship
Margaret Miller Merrells Scholarship
Minnie Jane Merrells Scholarship
William G. Merrells Scholarship in Athletics
Flora E. Miles and Agnes M. Davidson Scholarship
Nora Hickman Miller Scholarship
B. M. and Elizabeth Mitchell Scholarship
Ruth E. Mullins Scholarship
Charles D. Munson, Jr. Memorial Scholarship
Geraldine Ella Smith Muscari Memorial Fund
Virginia Rexrode Myles Scholarship for Music and Performing Arts
Howard D. and Audrey Holden Naylor Scholarship
Gerald J. Nesbitt, Sr. Award
Mary Martha O'Brien Scholarship
Alexander B. Osborn Scholarship
P.E.O. Scholarship
Okey Patteson Memorial Scholarship
William Phillips Scholarship
Pickens Memorial Scholarship
Betty Pifer Scholarship
Owen and Velma Pitchford Scholarship
Herbert L. and May Virginia Price Memorial Scholarship
J. Roy Price Scholarship
Walter Price Scholarship
Floyd and Eunice Prunty Scholarship
E. K. and L. E. Tenney Reed Family Scholarship
Phares and Edythe Pauley Reeder Scholarship
David E. Reemsnyder Memorial Scholarship
Earl G. Rees Scholarship
Lilly King Reger Scholarship
Robert H., Gwen F., and William C. Reger Scholarship
Stanley and Eva Rexrode Scholarship
William H. and Daisy M. Robinson Scholarship
Hilary Rodgers Scholarship
G. I. Rohrbough Memorial Scholarship
Sam Ross Memorial Scholarship
Gertrude D. Roush Scholarship
Dean H. Ruhlow Scholarship
Kevin Ryan Scholarship
French A. See Scholarship
Maude and Dorsey Setler Scholarship
Herb Sharp Circuit Rider Scholarship
Herb Sharp Scholarship Endowment
Harry Sharps Scholarship
Floyd N. Shaver Memorial Scholarship
John C. Shaw Scholarship
David W. and Helen B. Sheppard Scholarship
Laman C. Shingleton Scholarship
Edna Sigley Scholarship
Mabel E. Smith Scholarship
Flossie Snodgrass Memorial Scholarship
Leta Snodgrass Memorial Art Scholarship
Pauline H. Sprouse Memorial Scholarship
B. F. Standiford Scholarship
Charles Stewart Scholarship
The Reverend Glenn Stewart Scholarship
Norma Strader Stemple Memorial Scholarship
M. Wood Stout Scholarship
Okey J. Stout Memorial Trustees' Award
Glen and Mary Sutherland Scholarship
Allison Swisher Scholarship
Silas D. Tamblyn Scholarship
Charles C. Taylor Scholarship
Rev. and Mrs. Albert Tenney Scholarship
Coy A. Thomas Scholarship
Ray Thomas and Susan Thomas Scholarship
Audrey Hood Thompson Scholarship
Matthew Thompson Memorial Scholarship
B. T. Trevey Scholarship
Ada K. Tuckwiller Scholarship
Dale E. Turner Scholarship
Vandenbergh Scholarship
Ray and Mabel Vannoy Scholarship
Frank W. Vigneault Memorial Scholarship
William and Jennie Thomas Waggy Scholarship
S. Azo F. Wagner and Vivian Brady Wagner Scholarship
Margaret Walls Scholarship
The Reverend H. W. Ware Scholarship
Carl C. Weber Scholarship
Robert Stephen Weimann Endeavor Fund
Welliver International Scholarship
Carl G. Weltman Scholarship

Calvin A. West Scholarship
West Virginia Conference Centennial Scholarship
West Virginia Wesleyan Permanent Endowment Fund
Roy Whiston Scholarship
Frank E. Williams Jr. Scholarship
Katherine L. Williams Scholarship
Geraldine C. Willis Scholarship
John Wolfe Scholarship
Chloe Cook Workman Wallet Memorial Scholarship
Mabel Snodgrass Workman Scholarship
Dr. M. Arthur Workman Scholarship
Lillian Mayfield Wright Scholarship
D. Fay and Dorothy Zinn Scholarship
Elizabeth Zumbrunnen Scholarship

The Mason Crickard Scholarship: The Greater Kanawha Valley Foundation, a non-profit, charitable foundation located in Charleston, West Virginia, awards scholarships from a trust established by Mason Crickard, Wesleyan Class of '07. The recipients of these competitive grants are students who demonstrate good character, scholastic ability, and leadership potential. In accordance with the provisions of the will establishing the fund, preference is given to residents of Randolph County, Upshur County and the area comprising The Greater Kanawha Valley in West Virginia. Award amounts depend, in part, on the demonstrated need of the recipient. Application information may be obtained in the Financial Planning Office.

Grants

Various grants for educational support are available to qualified students from state and federal sources or are awarded by the College to students manifesting special talents or abilities.

Program Leadership Grants recognize and support student leadership in co-curricular programs of the College, including chapel, publications, and radio.

Federal Pell Grants are made available by the federal government to eligible undergraduate students with financial need. Eligibility is determined by filing the Free Application for Federal Student Aid.

Supplemental Educational Opportunity Grants are awarded annually by the College under a federal program to undergraduate students with exceptional financial need. The grants range from $200 to $4,000.

State Grants are available from various states for use at Wesleyan. All students should inquire into this possibility. West Virginia, Pennsylvania, Delaware, Maryland, Rhode Island, and Vermont are states whose residents may receive a state grant to attend Wesleyan. West Virginia residents should be sure that need analysis forms are submitted before March 1 and that high schools supply grade report forms to the West Virginia Higher Education Grant Program.

Student Employment

Work opportunities for students are available in almost all areas of the College. The federal minimum hourly wage is paid. Financial need is not the only criterion, but a financial aid form is required for placement. West Virginia Wesleyan participates in the Community Service Learning Program. Federal funds are available for performing work

which primarily benefits the community as defined by the Department of Education. These jobs may be on or off campus.

Loans

Educational loans offer the possibility of meeting college costs with borrowed money, to be paid back after graduation, usually with favorable repayment terms. Because of periodic revisions in federal programs, students should inquire for more specific information about such loans.

Federal Perkins Loans offer up to $3,000 per year from available federal funds for students with exceptional financial need.

Federal Direct Loans are intended to make loan money available to students enrolled at least half time in college. Loan amounts are $2,625 for the first year, $3,500 for the second year, and $5,500 for the next three years. Repayment at a favorable interest rate begins six months after the borrower ceases to attend college. Direct Loans may be subsidized or unsubsidized according to the need as determined by the Free Application for Federal Student Aid. The College will certify the cost, financial aid received, and the calculated family contribution to determine the loan amounts for which the borrower is eligible.

Federal Direct PLUS Loans assist families and independent students to assume financial responsibility for their own college education. A parent or independent student may borrow the difference between total cost of education less financial aid, with repayment beginning within 60 days for parent borrowers. Students whose parents have been denied a PLUS Loan are eligible to borrow up to $4,000 for the first two years, and $5,000 thereafter. Students are responsible for the interest, but payments are deferred while they are enrolled at least half time.

United Methodist Student Loans, for up to $1,500 per calendar year, are made available by the Board of Higher Education and Ministry to eligible United Methodist students through the College Financial Planning Office.

Institutional Loan Funds have been established by donors wishing to assist Wesleyan students to fulfill their educational goals. These monies are administered by the Director of Financial Planning.

Other Sources of Funds

Students are urged to explore scholarships from local fraternal organizations, parent-teacher associations, church-related groups, businesses, corporations, veterans' associations, or other funding agencies.

Student Life

The College considers community living, co-curricular activities, and campus leadership as significant complementary elements of a liberal arts education. The College is committed to a challenging academic program in a residential setting that helps students appreciate diversity, accept responsibility for their own actions, respect the value of community life, and exercise their leadership capacity.

The Chapel and Religious Center

The location of Wesley Chapel at the center of the campus is no accident. The presence of the Chapel affirms Wesleyan's commitment to the integration of intellectual, spiritual, and social concerns.

Those who wish within the campus community gather to worship every Tuesday morning of the academic year. College policy requires that no other activities—including classes, department meetings, rehearsals, and seminars—be scheduled during the weekly chapel hour so that all students and faculty will be free to participate in worship if they choose. Worship services conducted by the Dean of the Chapel, guest speakers and presenters, and student, staff and community leaders challenge participants intellectually, spiritually, and socially. The desire of the Chapel Worship Committee is to create a warm worshipful environment within a structured context. The Chapel Choir and other student-directed vocal and instrumental groups provide music representing a wide variety of styles. The local Catholic priest also conducts mass each weekend on campus.

Wesley Chapel is the site of all-campus convocations, cultural events, and celebrations. The Chapel program also sponsors activities such as the Peace and Justice Committee, the Chapel Spiritual Life Advisory Council, Christian Life Council, and Christian service organizations such as Sigma Theta Epsilon and Kappa Phi. Other Chapel-sponsored groups include LoveShine (proclaiming the Christian message in drama, dance, and music), Intervarsity Christian Fellowship, Fellowship of Christian Athletes, Wesley Fellowship, and Newman Association. The Dean of the Chapel encourages the formation of new groups to meet the spiritual needs of students.

Martin Religious Center houses the Bonner Scholar Program and the Office of Volunteer Programs that coordinate community service activities on and off campus. The Center also contains the Meditation Chapel, open for private meditation and small group worship for all within the Wesleyan community.

Wesleyan is open to persons of all faiths. Wesley Chapel and Martin Religious Center stand as symbols of both our Christian heritage and identity and our openness to religious diversity.

The Physical Education Center

The John D. Rockefeller IV Physical Education Center is one of the finest small college sports complexes in the country. Its main gymnasium, seating more than 3,700 spectators, accommodates intercollegiate basketball, volleyball and, with its portable stage, concerts and large-scale events. The Center also contains an auxiliary gym, an indoor Astroturf facility, an anatomy and physiology laboratory, athletic training rooms, four racquetball courts, an indoor tennis court, an indoor golf practice area, sauna baths, a dance studio, a cheerleading room, and exercise rooms. Playing fields, an all-weather outdoor track, and a sand volleyball court complement Wesleyan's indoor athletic facilities.

Rockefeller Center is home of the College's 17 intercollegiate varsity sports, an Adult Fitness program, and an extensive intramural program. The College pool is located in the adjacent Campus Center.

Health Services

Barnhart Memorial Health Center provides out-patient medical treatment with registered nurses and local physician coverage during daytime office hours. When students are admitted to Wesleyan, they must submit a physical examination and immunization report.

Accidents or cases of serious illness which occur during hours when the Health Center is closed are referred to the emergency room at St. Joseph's Hospital, which provides 24-hour emergency service. All students receiving medical care from local providers must assume the responsibility of payment directly to the physician or hospital from personal funds or through their hospitalization programs. The College cannot assume responsibility for prolonged or specialized medical care or for hospitalization.

Accident and sickness insurance is required for all students, most of whom are provided coverage through their parents' policies. Students will be billed an annual premium for a plan offered through the College unless they submit an Student Waiver Card that lists the provider under which they are covered.

The Campus Center

The Benedum Campus Center is a place of recreation, relaxation, and work. It houses the College Bookstore, Post Office, radio station, Sunny Buck's (convenience store), and the Cat's Claw (non-alcohol pub), as well as facilities for swimming, billiards, pinball, video games and reading. Offices of the student newspaper, yearbook, student organizations, Vice President for Student Affairs, and various student life staff are located in the Center.

Most of the campus social and cultural programming is coordinated by the Director of Campus Activities and Campus Activities Board. Each weekend, entertainment such as concerts, variety shows, comedians, dances, and box office films is presented. Other activities include recreational trips, athletic tournaments, game nights, and student talent shows.

The French A. See Dining Center, connected to the Benedum Campus Center, offers varied meal plans for residential and commuter students in an environment that is spacious and attractive.

Cultural Events

The Lively Arts Committee and Campus Activities Board together provide the campus with numerous cultural activities, including concerts, dramatic productions, musical performances, modern dance and ballet, and lectures. Touring artists such as the National Theatre of the Deaf, Anonymous 4, Ondekoza Drummers of Japan, and the Second Hand Dance Company, as well as residencies by artists and writers have enriched the campus in recent semesters.

Community Council

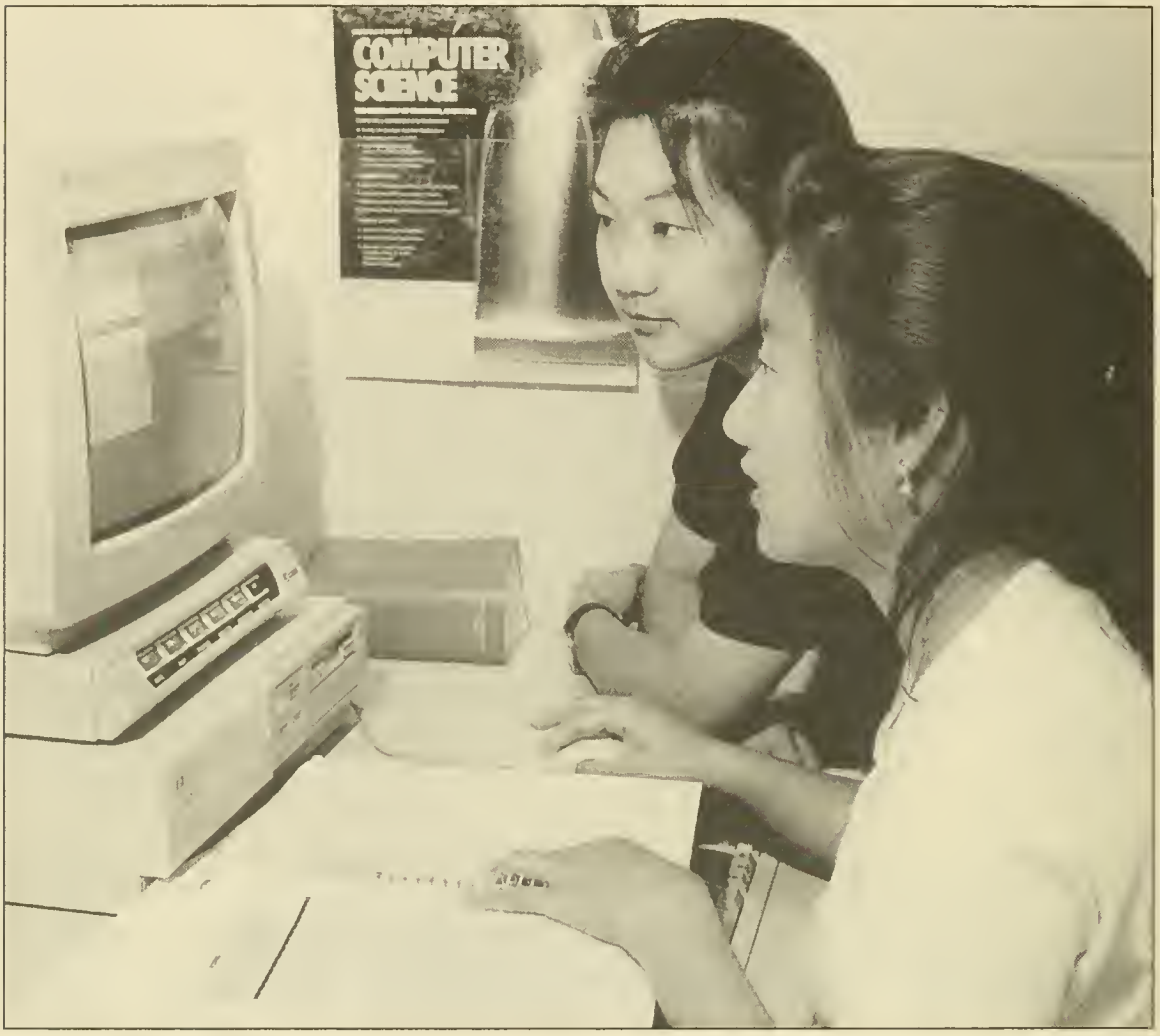
Coordination of campus activities and student organizations and oversight of quality of life issues on campus and in the residence halls are the responsibilities of Community Council, an organization perhaps unique to the Wesleyan campus. Made up of student representatives as well as representatives of campus organizations, faculty, and administration, this body meets weekly to facilitate campus communication and to provide leadership dealing with campus problems and issues. Meetings of Community Council are open to all who are interested.

Student Activities

Students are urged to become involved in any of a wide range of activities and organizations. For example, Wesleyan men and women participate in a total of 17 intercollegiate sports and support an active and competitive intramural program. Wesleyan's musical organizations—Concert Chorale, Concentus Vocum, Concert Band, and Jazz Band—have received recognition throughout the eastern United States. Interest runs high in these and other musical ensembles.

Students interested in drama may audition for any of a number of major productions or student-directed performances each year, or the annual children's theatre production. Students interested in journalism and communication find their way to the offices of the *The Pharos*, *Murmurmontis*, and *The Rickshaw*, the campus newspaper, yearbook, and literary magazine, or to the campus radio station, C92.

Five national social fraternities maintain fraternity houses near the campus: Chi Phi, Kappa Alpha Order, Alpha Sigma Phi, Theta Chi, and Theta Xi. Four national sororities occupy meeting suites in a special wing of Holloway Hall: Alpha Delta Pi,



Alpha Gamma Delta, Alpha Xi Delta and Zeta Tau Alpha. Alpha Phi Alpha and Delta Sigma Theta are predominantly African-American Greek groups on campus.

Departmental organizations include the American Marketing Association, Benzene Ring (Chemistry), Economics Club, Engineering Physics Club, Pre-Physical Therapy Club, Public Relations Club, Sociology Club, Student National Education Association, and Student Nurses of Wesleyan.

Interest groups recognized as campus organizations include Alpha Phi Omega Service Fraternity, Black Student Union, Christian Life Council, College Republicans, GLASS, Green Club, International Student Organization, Kappa Phi (Christian Women), Residence Hall Council, Sigma Theta Epsilon (Christian Men), Student Alumni Association, Wesleyan Service Corps, and Young Democrats.

Honors, Awards and Honorary Societies

Wesleyan has chapters of a number of honorary societies: Alpha Lambda Delta (Freshman Scholarship), Alpha Psi Omega (Dramatic Arts), Beta Beta Beta (Biology), Delta Mu Delta (Business), Gamma Sigma Alpha (Greek Women), Kappa Delta Pi (Education), Kappa Omicron Nu (Family and Consumer Sciences), Kappa Pi (Art), Lambda Pi Eta (Communication), Mortar Board (Leadership), Omicron Delta Epsilon

(Economics), Omicron Delta Kappa (Leadership), Order of Omega (Greek), Phi Kappa Phi (Scholarship), Phi Sigma Tau (Philosophy), Pi Gamma Mu (Social Science), Pi Mu Alpha Sinfonia (Music), Psi Chi (Psychology), Sigma Alpha Iota (Women in Music), Sigma Theta Tau (Nursing), and Sigma Tau Delta (English).

A special Honors Convocation is held annually at the College. The following honors and awards are among those presented to Wesleyan students who have distinguished themselves during the academic year:

Outstanding Seniors
Sheridan Watson Bell Religious Life Influence Award
Pamela Thorn Memorial Humanities Scholarship
Senior Activity Keys
International Student Ambassador
Academic Departmental Recognitions
Honorary Association Awards
Sam Ross Scholar-Athlete Award
Who's Who Among Students in American Colleges and Universities
Wesleyan Spirit Awards
William B. Hatfield Fine Arts Award

Student Services

Wesleyan faculty and staff believe that social maturity and value clarification are important aspects of the student's intellectual and personal development. Services include career planning and job search guidance; intercultural student programming; retention coordination; undeclared student advising; personal counseling and assessment; internship and study abroad guidance; housing of students and residence hall programs; campus activity programming; Greek affairs coordination; health, wellness and medical programs; and campus safety.

Orientation

The orientation program is designed to assist freshmen in making a successful transition from high school to college, and to assist transfer students in making a smooth transition to a new environment. The program includes general information, academic advising, counseling, registration for classes, and time for purchasing books and supplies. All new students are expected to attend the orientation session. (See Calendar for dates.)

All freshman students participate in the two-part, one-credit Freshman Seminar course for the first eight weeks of their initial semester at Wesleyan. Students meet weekly in small groups with a faculty leader and two upperclass students who are prepared to assist new students to achieve success in and out of the classroom. During a second weekly session each freshman student receives laptop computer training at the novice, intermediate, or advanced level.

Counseling Services

The objective of the Counseling and Wellness Center is to assist students in resolving personal and educational concerns, developing self-management and interpersonal skills, and developing ways to improve their well-being. A variety of services is offered, including individual and group counseling, educational programs and resource materials

on a variety of important issues, support groups, and a comprehensive drug and alcohol education program. These services are free and confidential.

If a student needs specialized services not available on campus, the staff will make an appropriate recommendation or referral.

A brochure listing all services and staff members is distributed annually.

Advising and Career Center

Students are encouraged to begin the process of career planning as early as the freshman year. Experienced advisors in the Advising and Career Center help students learn how to plan effectively for course selection and career decision-making and assist students with the assessment of job and career opportunities.

A library of career materials and a computerized career exploration and decision-making program are available. Freshmen and sophomores may also receive assistance in identifying their strengths and interests and relating them to specific career options by registering for the one-credit Career Planning seminar (DEV 030) offered each semester. Seniors engaged in the job search may receive professional assistance by electing Job Search for Seniors (DIV 405). This latter seminar prepares prospective graduates in job search skills, resume writing, and interviewing. Placement credentials are kept on file in the Advising and Career Center for ten years from the date of graduation and recorded on microfilm thereafter. It is the student's responsibility to set up a placement file during the senior year. Files may then be updated with a current resume or recent references sent to the Advising and Career Center.

Learning Center

The Learning Center provides resources and learning aids for students of all abilities. The Center staff assists students through formal courses and informal workshops in improving their reading, writing, listening, and study skills.

In addition, the Center provides a Special Support Program for students with specific diagnosed learning differences. The services provided by this program are over and above accommodation mandated by the Americans with Disabilities Act. Information concerning this program is available from the Office of Admission.

Testing Service

The College provides testing services to assist students seeking course credit by examination, professional certification, and admission to graduate and professional programs.

West Virginia Wesleyan College is an Controlled Test Center for the administration of the American College Test (ACT); Graduate Record Examination (GRE); College Level Examination Program (CLEP); Defense Activity for Nontraditional Education Support (DANTES) tests; Miller Analogies Test (MAT); National League for Nursing (NLN) tests; and the Praxis Series, which comprises the National Teacher Examination (NTE) and Preprofessional Skills Test (PPST) for teacher education. Information about these tests and the Wesleyan credit by examination program is available in the Office of Outreach Education and Testing.

Residential System

Housing

The College houses approximately 85 percent of its students in seven residence halls and a complex of apartments and suites. Full-time students are required to live and board in College residence halls during the regular academic year. Students who live with their parents, married students, and a limited number of other students may request written authorization to live off campus.

Rooms in the residence halls are furnished with beds, mattresses, desks, desk chairs, dressers, closet space, and window shades. Internet, telephone and stereo/TV cable hook-ups are included in the room charge. Students may subscribe to long distance service. Each residence hall maintains a study lounge, a vending area, and laundry facilities.

College regulations are found in the *West Virginia Wesleyan Student Handbook*. This publication is distributed to all students at the opening of the academic year.

Food Service

Campus dining is provided in the French A. See Dining Center, where meals and menus are provided by a contracted professional catering service. Selections include traditional entrees, grill items, deli sandwiches, pizza, pasta, and specialty bars. Vegetarian choices are available at every meal.

Currently, two meal plans are offered, a 20-meal plan plus 75 points and a 14-meal plan plus 75 points. The plans provide 20 or 14 meals each week during the academic year plus 75 points (dollars) annually to spend in the Cat's Claw. Specific information about meal plans is available in the Advising and Career Center.

All students residing in the residence halls, except for the Camden Avenue Apartments, are required to board on campus. A commuter meal plan is optional for students living off campus.

Sunny Buck's convenience store, located in Benedum Campus Center, provides pastries, cappucino, sandwiches, and snacks during daytime and evening hours, and the Cat's Claw serves as a restaurant and non-alcohol pub from noon until late evenings, offering a full menu including specialty coffees and desserts.

Rules for Living

From its founding and through its developing years, the College has been committed to the basic principles and standards established by The United Methodist Church and its West Virginia Annual Conference, as they relate to learning, social conduct, and cultural and spiritual enrichment.

The College reserves the right, privilege and responsibility for establishing and maintaining appropriate rules of social conduct, which will be published in the *Student Handbook*.

Academic Integrity

The common enterprise of a college is learning. In all cases, it demands integrity. At Wesleyan, as in all academic communities, claiming another person's work as one's own is a serious offense subject to disciplinary action and even dismissal.

Alcohol and Other Drugs

The College prohibits the illegal use of alcohol and drugs on College property or property used by any recognized student or College group. Regulations regarding alcohol and drug use are contained in the *Student Handbook*, housing contract, and substance-free living agreement, and adherence is expected of all students enrolled at Wesleyan. The United Methodist Church encourages abstinence from alcohol and illegal drugs and supports educational programs that inform and encourage abstinence. While abstinence may be preferred, the College acknowledges other choices that students may make with respect to alcohol use and works aggressively to educate students regarding community responsibility and Wesleyan's expectations for all members of the student body.

Social Responsibility

All individuals and/or groups of the West Virginia Wesleyan College community are expected to speak and act with respect for the human dignity of others, both inside and outside the classroom and in social, recreational, and academic activities either on campus or sponsored by the College.

West Virginia Wesleyan College will not tolerate any form of harassment or intimidation, including, but not limited to, sexual, racial, religious, or age discrimination. Attitudes of condescension, hostility, role-stereotyping, and sexual or racial innuendo are considered forms of harassment. Wesleyan will not tolerate acts of hazing or the

exploitation of individuals or groups. The College affirms the principle of academic freedom and prohibits discrimination against individuals or groups because they express different points of view, but it also affirms that freedom of expression does not justify violating human dignity.

The College Judicial System

Rationale for Discipline

By applying for and accepting admission to West Virginia Wesleyan College, students voluntarily become part of a living and learning community based on mutual respect, honesty, and trust. The opportunity for free inquiry and free expression essential to the educational process exists only within a system of basic order that supports it. To maintain this requisite order, each member of the Wesleyan community accepts responsibility for personal actions and adheres to and respects the general regulations of the College as well as the laws of the larger society, including municipal, state, and federal statutes. When individuals fail to accept these responsibilities, the College will impose disciplinary sanctions in order to protect the campus community and to uphold the ideals and standards the College seeks to maintain.

Administrative Authority

The Board of Trustees of West Virginia Wesleyan College possesses by legal charter ultimate authority for the College. The Trustees have entrusted the President of the College with the responsibility and authority to develop and supervise the operation of the disciplinary function. The President, in turn, has designated the Vice President for Student Affairs as the primary officer in charge of maintaining and supervising the judicial process.

Colleges and universities are not expected to develop disciplinary regulations written with the scope or precision of a criminal code. Rare occasions may arise when conduct is so inherently dangerous to the individual or to others in the community, or raises a substantial threat to the basic ideals and standards of the College, that extraordinary action not specifically authorized in the rules must be taken. West Virginia Wesleyan College reserves the right to take necessary and appropriate action to remedy serious academic or social problems, including disciplinary warning, disciplinary probation for a stated period, suspension or dismissal.

The standards and operating procedures of the judicial system are found in the Code of Conduct published in the *Student Handbook*.

Use of Cars

Any student enrolled at Wesleyan may operate a motor vehicle at West Virginia Wesleyan but is required to register it with the Office of Campus Safety and Security and purchase a numbered parking decal for each vehicle. Every motor vehicle driven by a student must have in force bodily injury and property damage liability insurance. Any student who makes reckless or improper use of a car, fails to register a vehicle properly, or consistently violates traffic standards will lose the privilege of driving while at Wesleyan.

Regulations describing the use of parking areas, restricted zones, time limits, and financial penalties for traffic violations are distributed annually to all students and staff and can be obtained at the Security Office.

B

Academic Program

Academic Advising

During the first half semester of the freshman year, students are advised by their Freshman Seminar instructor. Thereafter, each student is assigned a faculty advisor in his or her particular field of study or in a closely related field. Students undecided about a major are assigned advisors who will help them explore their personal interests and set appropriate educational goals. Education is ultimately the responsibility of the learner, but the academic advisor supports the student by offering informed advice and by challenging plans still being formed. The advisor's "approval" of the student's program of study each semester acknowledges that discussion has taken place and that the student is aware of the consequences of his or her choices. The Director of the Advising and Career Center and advising support staff are available to assist students in emergency situations when the assigned faculty member is not available.

Plan of Study

General Studies Program

The general studies curriculum is designed to assure that each graduate of West Virginia Wesleyan College has achieved a broad educational foundation that includes meaningful exposure to the major areas of human inquiry. Students have a great deal of choice in selecting specific courses that satisfy the requirements below and are urged to satisfy some requirements by electing upper-division courses (300-level). (Students pursuing an Honors Degree should refer to requirements of the Honors Program that modify some of the prescribed general studies requirements.)

Goals

The general studies curriculum addresses nine broad educational goals that together form the shared foundation of a Wesleyan education. Specifically, the general studies program seeks

- **To assure that all graduates communicate clearly and with some appropriate measure of eloquence and force in both the written and spoken form** by providing a sound foundation in basic writing and speaking skills early in their undergraduate experience and reinforcing and expanding on these skills throughout the curriculum.

- **To enable graduates to make discriminating judgments about the relative worth of ideas and arguments** by providing a systematic introduction to critical thinking skills that emphasizes the relationship between evidence and sound conclusions.
- **To develop in graduates a critical appreciation for the ideas and values that are the foundation of Western and world culture** by introducing them to and causing them to examine critically representative philosophical and religious systems of knowledge and belief.
- **To enable graduates to appreciate culture—past, present, and future—as part of an ongoing process** by providing an historical framework that emphasizes the connectedness of events, people, and world conditions through time.
- **To expand the access of graduates to the richness of human creativity as expressed in letters and the arts** by exposing them to an expanded body of works and providing them basic critical tools with which to approach the unfamiliar.
- **To instill in graduates an appreciation for humankind's expanded ability to understand, interact with, and shape its physical environment** by involving them actively in quantitative and experimental approaches to problem solving and the physical universe in ways that combine theory and application.
- **To prepare graduates to live effectively as members of society** by developing an understanding of the personal and social dynamics that motivate people and of the social institutions through which people interact.
- **To prepare graduates to live effectively in a nation and world characterized by ethnic, racial, philosophic, cultural, linguistic, religious, and geographic diversity** by acquainting them with the contributions of representative groups and the issues that potentially divide people.
- **To enhance the desire and the ability of graduates to achieve and maintain physical and mental health** by involving them in activities that demonstrate the unity between physical and mental well-being.

Curriculum

Each candidate for graduation is required to satisfy the following distribution requirements; no single course may satisfy more than one general studies requirement.

Communication (the first three to be taken in sequence upon entering Wesleyan) **6-11 hrs.**

A grade of C or better is required in Composition I and II and Fundamentals of Oral Communication.

- ENG 101, Composition I (3 hrs.)
  (unless waived on the basis of test scores and high school composition grades)
- ENG 102, Composition II (3 hrs.)
- COM 211, Fundamentals of Oral Communication (3 hrs.)
- ENG 319, Advanced Composition (2 hrs.) or an approved departmental senior seminar or writing course.

Courses satisfying this requirement will be noted in the course descriptions.

Science and Mathematics **12 hrs.**

- Two laboratory courses in the physical or biological sciences (6 hrs.)
- Two courses in mathematics (100-level or above) (6 hrs.)
  OR
- One course in mathematics (100-level or above) and one course in computer science (6 hrs.)

Religion and Philosophy **6 hrs.**

- One course in religion (3 hrs.)
- One course in philosophy (3 hrs.)

Humanities and the Fine Arts **9 hrs.**

- DIV 101, Introduction to the Humanities (3 hrs.)
  (to be taken during the freshman or sophomore year)
- One course in literature (3 hrs.)
- Three semester hours in a single fine art
  (options: one 3-hr. course; one 2-hr. course and a 1-hr. performance credit in the same general discipline; three 1-hr. performance credits in the same general discipline)

Social Sciences **6 hrs.**

- One course selected from HST 101, 102, 121, 122 (3 hrs.)
- One course selected from anthropology, economics, geography, political science, psychology, sociology (3 hrs.)

Cultural Studies **6 hrs.**

- One course (3 hrs.) selected from
  COM 121, Intercultural Communication
  ENG 245, American Ethnic Literature
  ENG 248, Appalachian Literature
  ENG 275, Studies in Gender: Women's Studies
  HST/SOC 243, American Minority Groups Since 1865
  HST 267, African-American History I
  HST 268, African-American History II
  REL 212, Issues in Feminist Theology
  SOC 131, Indian Studies I
  SOC 210, Appalachian Studies

  A limited, changing selection of other courses from the humanities, fine arts, and social science may satisfy this requirement. An up-to-date listing of approved courses is available in the Office of the Registrar.

- One course (3 hrs.) selected from
  ENG 230, Non-Western Literature: African
  ENG 231, Non-Western Literature: Asian
  ENG 232, Non-Western Literature: (others)
  FCH 102, Introductory French II (or higher)
  GER 102, Introductory German II (or higher)
  HST 261, Introduction to the Non-Western World
  HST 264, History of Africa
  HST 270, People's Republic of China
  HST 273, Japan Since 1868
  HST 276, History of Latin America
  HST/SOC 315, Arabs and the Middle East
  HST 340, History of Modern Russia
  MUS 210, Introduction to Non-Western Music
  PSC 240, African Politics

PSC 325, Comparative Developing States
REL 240, Judaism and Islam
REL 245, Hinduism and Buddhism
SOC 305, Global Minorities
SPA 102, Introductory Spanish II (or higher)

See complete list available in the Office of the Registrar.

Health and Physical Education **3 hrs.**

- Three 1-hr. activity courses

  OR

- One 1-hr. activity course and one of the following:
  PED 110, Exercise and Weight Control (3 hrs.)
  PED 130, Personal and Community Health (2 hrs.)
  PED 140, First Aid and Safety (3 hrs.)
  PED 201, School Health (3 hrs.)
  FCS 265, Fundamentals of Human Nutrition (3 hrs.)

TOTAL HOURS **48-53 hrs.**

Majors Offered

The College offers majors in the following fields. Specific course requirements may be found in the section of this catalog entitled Instructional Offerings. Some fields offer special emphases or tracks within the major.

Bachelor of Arts

Art
Chemistry
Christian Education and Church Leadership
Communication Studies
Communication Studies and Dramatic Arts
Dramatic Arts
Economics
Education
English
Environmental Science
History
International Studies
Music
Philosophy
Philosophy and Religion
Physics
Political Science
Psychology
Public Relations
Religion
Sociology

Bachelor of Music Education

Music

Bachelor of Science

Accounting
Biology
Business Administration
Chemistry
Computer Information Science
Computer Science
Engineering Physics
Environmental Science
Management
Marketing
Mathematics
Physical Education
Sports Medicine

Bachelor of Science in Nursing
Nursing

A student has the option of declaring a major and a minor or a double major. In the case of a double major, a student must declare a primary major, which will determine the degree awarded, and complete both majors fully.

Special Programs

Contract Major

The Contract Major is available to serious students who wish to investigate subjects or interests that cannot be addressed by the courses of a single department. With the assistance of three faculty sponsors, a student may structure a program of 30-45 semester hours of interdepartmental studies with defined objectives and including an integrative senior project. The proposed major must be approved by the Curriculum Council. Specific guidelines are available in the Office of the Registrar.

Cooperative Programs

Students accepted in certain advanced professional programs after at least three years of study at Wesleyan, but prior to completion of a bachelor's degree, may request permission of the Admission and Academic Standing Council to receive a Wesleyan degree following successful completion of the first year of the professional program. Programs eligible for such cooperative arrangements include schools of medicine, dentistry, veterinary medicine, physical therapy, engineering, optometry, and pharmacy.

Students must provide evidence of satisfying all Wesleyan general studies and major requirements. A cooperative program waives certain portions of the residency requirement and frequently the number of undergraduate hours required for a bachelor's degree. Requests are approved on a case-by-case basis. Students interested in a cooperative program complete a petition form available in the Office of the Registrar.

External Education

External Education is an evening and weekend program of courses designed primarily for working and older members of the community. These courses provide an excellent opportunity for nontraditional students to explore new areas of interest and/or to advance their college careers. A schedule of offerings and applicable tuition rates is available prior to the beginning of each semester in the Office of the Registrar.

The Honors Program

The Honors Program is offered to recognize and challenge the College's most academically talented students. Participation is voluntary for all qualified students other than Wesleyan Scholars, who are required to complete the program.

Requirements for Admission to Honors Program
Entering freshmen: high school cumulative grade point average of 3.5 and 1200 SAT score or 27 one-time ACT score.

Second-semester freshmen, sophomores and juniors: cumulative college grade point average of 3.5 or above.

Any student who has earned a cumulative grade point average of 3.5 may enroll in Honors classes, subject to meeting any prerequisites, after students in the program have been accommodated. A student must declare his or her intention to complete the Honors Program no later than the second semester of the sophomore year. To be eligible for participation in the program, including its co-curricular events, a student must maintain the following cumulative grade point average by the end of each academic year: freshman, 3.25; sophomore, 3.4; junior, 3.5. To graduate with an Honors Degree—e.g., Bachelor of Arts (Honors)—a student must complete the requirements below and achieve a cumulative grade point average of 3.5 or above.

Requirements for Graduation with an Honors Degree

No more than two courses in a single subject area—e.g., ENG, DIV, SOC—may satisfy Honors Program requirements.

1 Freshman sequence
- ❦ DIV 101, Introduction to the Humanities (Honors) 3 hrs.
- ❦ ENG 170, Contemporary Literature (Honors) 3 hrs.

For general studies, the requirement of Composition I and II is waived upon completion of this sequence, which also satisfies the Introduction to the Humanities and literature requirements.

2 Sophomore, junior, and senior sequence
- ❦ Four 3-hr. Honors courses, **OR**
- ❦ Three 3-hr. Honors courses **AND** a semester of study abroad, **OR**
- ❦ Three 3-hr. Honors courses **AND** completion of two college-level courses (6 hrs.) in a single foreign language.

3 Two 1-hr. Honors Seminars (DIV 310) to be taken in the sophomore, junior, or senior year. No more than one Honors Seminar may be taken per year.

4 A cumulative grade point average of 3.5 or above

Policies

A student working toward an Honors Degree may opt to substitute any Honors history course for a general studies history survey course (HST 101, 102, 121, 122).

All Honors courses are special offerings conducted in seminar format.

International Opportunities

The international study experience is open to all Wesleyan students. Programs for international study include short-term travel-study courses and overseas courses offered through enrollment in other institutions of higher education, both American and international. These opportunities reinforce and expand classroom learning, encourage identification with other cultures, and promote student responsibility and self-confidence.

Wesleyan maintains exchange programs with universities in Bulgaria, England, Korea, and Northern Ireland. Wesleyan's on-campus offerings include numerous courses that fulfill general studies requirements and programs with and for the College's international students.

International study programs are available during fall semester, January Term, spring semester, and the summer. Students are eligible for a semester abroad beginning the first semester of their sophomore year, and financial aid may be applied to one semester of study abroad. Students may choose to have more than one international study experience. Credit from approved programs is readily transferable toward a Wesleyan degree.

International opportunities continue to expand at Wesleyan. The College's International Programs Committee facilitates cross-cultural learning experiences both abroad and on campus for faculty and students. The committee promotes development of short-term travel-study courses through faculty project grants that enable instructors to travel to potential international program sites and develop new courses based on their exploration.

Students considering an international study experience should contact the study abroad coordinator in the Advising and Career Center to plan for program selection, financial arrangements, and course approval.

Internships

Internships provide a valuable learning opportunity for undergraduate students. They reinforce and expand classroom learning, establish contacts with professional and business communities, teach important lessons in responsibility, and develop self-confidence. All of these benefits can prove extremely useful to graduates who enter the job market directly from college or who elect to pursue advanced higher education.

Internships allow students to apply their knowledge, organizational skills, and leadership in diverse settings including business, industry, government, health care, and public service. Internships require clear learning objectives, faculty guidance, and an academic component. All internships approved for academic credit at Wesleyan function within the structure of a learning contract. (See Learning Contracts, page 48.) Internships normally relate directly to a student's major or minor area of study and carry zero to twelve hours of credit; however, Wesleyan does permit up to three credit hours for an exploratory internship in a field outside a student's major or minor.

Internships may originate with the student, from discussions between the student and an advisor or faculty member, or in consultation with an Advising and Career Center staff person. Faculty members and the professional support staff are eager to help students translate their interests into a sound learning experience. Professionally active alumni are also involved in arranging internship and job placement opportunities for undergraduate students.

January Term

During the January Term, students at Wesleyan enroll in a single three-credit course. The focused efforts of both students and faculty allow for more intensive concentration and greater flexibility in scheduling of class meetings or in teaching methods. It is an excellent time for arranging field experiences, internships, or travel courses.

Offerings include innovative special courses as well as courses meeting requirements for general studies, majors, and minors. A number of students arrange independent study or job-related learning experiences through learning contracts. A special course catalog for this term is published each year.

Learning Contracts

The learning contract allows a student to enter into a written agreement with one or more faculty members to achieve specific educational objectives for academic credit. A learning contract may involve placement in a work setting (internship), travel, independent study, field experience, or research. The student and faculty member agree on the project's objectives, how they will be fulfilled, and how the student will be evaluated.

A learning contract, developed jointly by the student and faculty sponsor, is forwarded to the Director of Contract Learning for review and approval. The contract is to be submitted prior to registration to be part of the student's registration for that term, and in no case may a contract be submitted for approval more than two weeks after the beginning of a semester. The student must register in order to receive credit. To participate in contract learning, a student must be a second semester sophomore with a cumulative grade point average of 2.25 or above. A maximum of 18 contract learning credits may be applied toward graduation. Information regarding specific eligibility requirements and policies is available in the Office of the Registrar.

Minors

The selection of an academic minor is optional, but encouraged. In addition to the minors listed by discipline in the Instructional Offerings section, a student may design a contract minor combining related courses from more than one department. Planned in consultation with two faculty advisors and subject to Curriculum Council approval, such a contract minor should include 9-12 hours in one of the constituent departments and not overlap courses in the major. Guidelines are available in the Office of the Registrar.

Outreach Education

The Outreach Education Program of Independent Studies is an academic extension of West Virginia Wesleyan College, offering college-level courses designed for home study by students not enrolled in a campus-based post-secondary program of study. The RN/BNS Completion Plan for registered nurses to earn the Bachelor of Science in Nursing degree is administered by the Outreach Education Program. A Business Certificate is also available through the program. Information on course offerings, rolling enrollment, and tuition is available from Outreach Education, RN Outreach and Testing, West Virginia Wesleyan College, 59 College Avenue, Buckhannon, WV 26201 or by e-mail (outreach@wvwc.edu).

Preprofessional Programs

Pre-Law Studies

The College offers a variety of studies suitable for students interested in legal careers. Since the practice of law allows for a number of variations, it is important to consult with advising personnel in the Advising and Career Center about majors and electives that best fit the needs of the individual student. Admission to law school depends on

performance in a demanding curriculum, leadership qualities, research skills, and more generally on communication skills and general analytical and reasoning abilities measured in part by the Law School Admission Test. History, political science, philosophy, and English are among majors particularly well suited for graduates seeking admission to law school. Others may well be appropriate.

As a rule of thumb, pre-law students should take the following: Wesleyan's communication sequence, Principles of Accounting I-II, Principles of Macroeconomics and Principles of Microeconomics, history (two courses), Political Theory I-II, Constitutional Law, and philosophy (two courses, including Logic).

Premedical Studies — Allied Fields

Students planning to seek admission to professional health schools such as schools of medicine, dentistry, optometry, pharmacy, podiatry, and veterinary medicine must demonstrate a strong foundation in the sciences. Students should plan to begin laying this foundation in the freshman year of college and should seek early advice regarding recommended courses of study. Most students in this area of study complete their majors in chemistry or biology; however, other majors are possible. Beyond their work in the sciences, successful applicants to professional schools are advised to elect challenging courses in the humanities and social sciences and develop strong interpersonal skills.

Information regarding curricula for these fields and about application to professional schools or for the MCAT (Medical College Aptitude Test) may be obtained from faculty members in biology or chemistry.

Pre-Seminary Studies

The pre-ministerial student planning to enter seminary should follow a program of studies to achieve a broad cultural and intellectual foundation. The American Association of Theological Schools in the United States and Canada suggests that approximately three-fourths of the student's college work be taken in the following specified areas: (1) English and communication, including composition, literature, oral communication and related courses—six semesters; (2) history, including ancient, modern European, and American—three semesters; (3) philosophy—three semesters; (4) natural sciences, preferably physics, chemistry, or biology—two semesters; (5) social sciences—seven semesters; (6) foreign language—four semesters; and (7) religion—three semesters. Wesleyan also offers courses in Christian education and church leadership as helpful preparation.

Many pre-ministerial students elect majors in English, philosophy, history, and religion.

How To Graduate

Degrees Awarded

West Virginia Wesleyan College confers five academic degrees: **Bachelor of Arts** (B.A.), **Bachelor of Music Education** (B.M.E.), **Bachelor of Science** (B.S.), **Bachelor**

of Science in Nursing (B.S.N.), and Master of Business Administration (M.B.A.). The degree granted is determined by the choice of major, as listed on page 44, or for individualized programs, according to the content area of the program.

Degrees With Distinction

Students who earn at least 64 hours through regularly enrolled study at West Virginia Wesleyan and who complete all baccalaureate degree requirements with a GPA of 3.50 to 3.69 on both total record and credits earned at Wesleyan will be graduated *cum laude*; those who complete all such requirements with a GPA of 3.70 to 3.89 on both total record and credits earned at Wesleyan will be graduated *magna cum laude*; and those who complete all such requirements with a GPA of 3.90 on both Wesleyan and total records will be graduated *summa cum laude*.

Commencement

The Commencement ceremony is held at the end of the spring semester each year. All students who completed degree requirements during the previous summer and winter as well as May graduates are awarded degrees during the program. Qualified undergraduate students who expect to complete degree requirements during the ensuing summer may make application to the Dean of the College for permission to participate early in Commencement. Guidelines for participation are available in the Academic Affairs Office.

Requirements for Graduation

In order to qualify for a Bachelor of Arts, Bachelor of Music Education, Bachelor of Science in Nursing, or Bachelor of Science degree, each student must

1. Earn a minimum of 128 semester hours of credit, at least 32 of which must be earned in residence;
2. Complete the general studies program and an approved academic major as described in the catalog in effect when the student entered the College;
3. Achieve a C average (2.0 grade point average) in all college work attempted, in all college work attempted at Wesleyan, and in each major and minor field of study and a grade of C or better in Composition I, Composition II, and Fundamentals of Oral Communication.

Policies

Except in specifically approved majors, a maximum of 45 hours in an academic discipline may be counted toward the 128 hours required for graduation. Three hours over the limit in a discipline may be counted to accommodate an internship.

No more than seven hours of developmental course credits, numbered 000-099; or four hours of physical education activities (PED 101); or, for non-music majors, eight hours of music ensemble may be counted toward the 128 credit hours required for graduation.

At least 24 of the last 32 semester hours of credit before graduation or entrance into an approved cooperative program for the senior year must be earned in residence.

Students are personally responsible for knowing and meeting degree requirements; the role of academic advisors is to assist and advise only. Students with specific questions may consult with the Office of the Registrar.

Requirements for the Master of Business Administration degree are on page 71.

Application for Degree

At least 12 months prior to anticipated completion of degree requirements, each candidate for a degree is required to file an application for degree at the Office of the Registrar. Requirements still to be met may then be checked while there is time to make appropriate adjustments. A charge is made for failure to comply with this regulation. Such failure may also result in postponement of graduation.

Additional Majors and Bachelor's Degrees

A person who has earned a bachelor's degree from a regionally accredited college or university may earn another bachelor's degree from Wesleyan provided he or she meets minimal residency and curricular requirements. A graduate of Wesleyan may complete an additional major after graduation or, in some cases, earn an additional bachelor's degree, provided he or she meets specific requirements. Policy statements governing additional majors and degrees are available from the Office of the Registrar.

Academic Policies

Academic Integrity

See policy under **Rules for Living**, page 38.

Registration

When to register

All students must register at the beginning of each semester or summer term by the official deadline designated in the College calendar. A charge will be made for failure to register by the deadline for any term of enrollment.

Students in residence during any semester or summer term are urged to register for the ensuing semester and/or summer term on dates designated.

Changes in registration

Students may change their registration for courses in accordance with College policies within the first five days of classes in any semester or within the first two days of classes of any summer term or January Term—the "add/drop period." Courses dropped within these time periods will not appear on the student's permanent academic record. No semester-long courses may be added to a student's schedule after these time periods. Eligibility to add or drop courses may be limited by specific academic policies. (See Withdrawal from Courses in this section.)

Classification

Students who have earned 31 semester hours or less of college credit are classified as freshmen; those who have earned 32-63 semester hours of credit are sophomores; those who have earned 64-95 semester hours of credit are juniors; and those who have earned 96 semester hours of credit or more are seniors.

Semester Hours/Credit Hours

A semester is a 14-week term. In general, a course meeting one hour per week for a semester carries one semester hour of credit; a course meeting two hours per week for a semester, two semester hours, etc. Summer and January Term classes meet more frequently over shorter periods of time to achieve the same number of classroom hours.

Course Load

Full-time tuition entitles a student to register for a maximum of 18 credit hours per semester. A normal load is 15 hours; the minimum full-time load is 12 hours. Students who wish to enroll in more than 18 hours in a semester (or seven hours in any one summer term) must have sophomore standing, a minimum grade point average of 2.75, and the approval of the Dean of the College. An overload fee is charged. The Admission and Academic Standing Council may require a student to take a lighter course load.

Grade Point Average

A student's grade point average (GPA) is computed by dividing the total number of quality points earned by the total number of graded semester hours for which the student has registered. Courses from which the student has withdrawn officially, courses in process, and courses in which a grade of Pass was earned are not included in this computation.

Grades and Quality Points

In order to remain in good academic standing, students must maintain a cumulative grade point average of at least 2.0 (1.75 for first-semester freshmen). See Requirements for Graduation, page 50, and Academic Status, page 54.

Grade	Explanation	Quality Points (per hr.)	Grade	Explanation	Quality Points (per hr.)
A	Excellent	4	F	Failure	0
B	Good	3	I	Incomplete	0
C	Average	2	W	Withdrawal	0
P	Pass	0	FW	Irreg. Withdrawal	0
D	Poor	1			

Grades of P, I and W are not included in grade point average calculation. A grade of FW is the equivalent of a grade of F.

If a student who has been passing cannot complete work in a course because of illness or other sufficient reason, an I (incomplete) may be entered temporarily on the

record. The course must be completed within the first six weeks of the next regular semester, except when an extension of time is granted by the Admission and Academic Standing Council. Otherwise, the I automatically becomes an F or such other grade as the instructor assigns based on work completed.

Pass/Fail Courses

A junior or senior student may choose to take one elective course each semester to be graded on a Pass/Fail basis with the approval of the instructor, faculty advisor, and Registrar. In order to receive a grade of Pass, the student must earn the equivalent of an A, B, or C. The student may not use this option for courses in the major or minor or required for general studies. The Pass or Fail will be entered on the student's permanent record. Courses for which a Pass is earned will fulfill hour requirements but will not affect the grade point average (GPA).

This option is extended to all students in January Term elective courses.

Pass/Fail application forms are available in the Office of the Registrar and in the Advising and Career Center.

Grade Reports

At the end of each semester and at the end of each summer term, the College issues a report of each student's grades. Midterm reports are sent to students whose academic work is evaluated as deficient (D or F).

This report is mailed to the designated parent or guardian except for students formally identified as having independent status.

Complete grade reports are not printed at the end of January Term, but students receive final grade notices in their campus boxes.

Dean's List

Superior scholarship is encouraged and recognized by the publication of the Dean's List at the end of each semester. This list includes students who have achieved a grade point average of 3.5 or above for the semester, while carrying a load of at least 12 semester hours. For purposes of qualifying for the Dean's List, a full summer session will be treated as a semester.

Attendance Requirements

Each student is expected to attend classes and laboratory sessions. Missing a substantial portion of any class or laboratory session constitutes an absence. Missing sessions because of late registration may constitute absences. Each faculty member is free to establish attendance policies that penalize students for classes missed.

A student who in the judgment of the Admission and Academic Standing Council has been grossly negligent in class attendance shall be subject to disciplinary action.

Withdrawal from Courses

A student will be permitted to withdraw from a course only during the period designated in the academic calendar. Unless otherwise specified, the final date for withdrawal from a course of less than a semester's duration will be the midpoint of that course. In order to withdraw from a course, a student must complete the withdrawal form available in the Office of the Registrar and in the Advising and Career Center.

If the student is granted permission to withdraw, a W (Withdrawal) is entered on the record. If a student discontinues a course after the specified date for withdrawal and/or without permission of the Dean of the College, FW (Failure, Irregular Withdrawal) is entered on the record.

Courses Repeated

A course in which the final grade is D or F may be repeated at Wesleyan. When a course is repeated, both the original grade and the grade in the repeated course will appear on the permanent record; the first grade will be ignored when computing the student's grade point average (unless it was a D followed by an F, in which case both count until followed by a passing grade). D-F repeat application forms are available in the Office of the Registrar and in the Advising and Career Center.

If for any reason a student repeats a course in which a grade higher than D has been received, both grades will be included in the grade point average. However, duplicate hours of credit will not be counted for any course except those designed for incremental learning (e.g., applied music).

Academic Status

Good Standing and Good Standing with Academic Warning

In order to remain in *good academic standing*, students must maintain a cumulative grade point average (GPA) of 2.0 or above. However, freshmen with a GPA of 1.75-1.99 at the end of their first semester of full-time study will be in good standing, but will be placed on *academic warning* for their next semester of enrollment. Students on academic warning will be encouraged to work closely with their academic advisors to develop strategies to improve their academic performance.

Students on academic warning may be ineligible for institutional financial aid.

Academic Probation

Students who fail to maintain good standing at the end of any semester of their enrollment at the College, but who were in good standing the previous semester and have not been on academic probation two times or more during their careers at Wesleyan, will be placed on *academic probation*. At the end of the probationary semester, students will either (a) reestablish good standing or (b) be placed on continued academic probation, provided their GPA for the probationary semester was at least 1.01.

Continued Academic Probation

Students who fail to achieve good standing at the end of a semester on academic probation, or who fail to achieve good standing and have been on academic probation two times or more during their careers at Wesleyan, or who fail to achieve good standing at the end of a semester on continued probation but earn a semester GPA of at least 2.2 on 12 credit hours, will be placed on *continued academic probation*. To continue enrollment after a semester on continued academic probation, students must (a) achieve good standing or (b) earn at least a 2.2 GPA on 12 earned hours. Students who fail to meet either of these standards will be dismissed for academic reasons. Students dismissed for academic reasons whose cumulative GPA is 1.75 or above may appeal their dismissal; appeals will be judged on a case-by-case basis.

Special Review of Continued Enrollment

Students who earn a GPA of 1.0 or less during any semester of enrollment, regardless of their official student status, and who have not been dismissed for academic reasons will be required to provide clear justification for their continued enrollment at Wesleyan. Permission to continue enrollment will be granted case-by-case, based on the merits of the students' requests. First-semester freshmen who earn a GPA of 1.0 or less may be required to withdraw from the College. Students granted permission to enroll after a special review of their status will be placed on academic probation or continued academic probation.

Academic Dismissal

Students at academic risk who fail to qualify for probation or continued probation are subject to academic dismissal. In addition, students who incur an excessively large number of absences from any course(s), or who are otherwise grossly negligent of their studies, may be dismissed from the course(s) involved, or from all courses, or they may be permanently dismissed by the Admission and Academic Standing Council. Students who are dismissed by the College for academic negligence prior to the completion of a term of enrollment shall have the grade of F entered in their permanent records for the courses involved. West Virginia Wesleyan College also reserves the right to require students to withdraw if their scholarship proves unsatisfactory, or if their presence in any way jeopardizes the standards and ideals the College seeks to maintain. Students dismissed or required to withdraw for academic reasons may apply for readmission to Wesleyan after two semesters (or equivalent) of absence and upon meeting conditions stated at the time of dismissal or required withdrawal.

Academic Credit

Credit by Examination

The College makes available to students a program of credit by examination. Students must be enrolled at Wesleyan to take advantage of credit by examination opportunities.

Students who take the College Board Advanced Placement Program examinations and achieve a score of three or higher will in most cases be eligible for credit in the appropriate course(s) upon enrollment at Wesleyan.

The College participates in the College Level Examination Program (CLEP). Entering students may receive credit through the general examinations when they achieve the passing score set by Wesleyan. CLEP and DANTES subject examinations in courses of a general college nature are also available to all students.

Students desiring to establish credit by examination in courses which are not available through CLEP may do so by taking institutionally prepared tests and earning a grade of C or above as determined by the faculty.

Fees for all types of credit by examination are the same for each examination. (See Credit by Examination in Expenses and Financial Aid section.) Credit will be awarded only when it does not duplicate or significantly overlap credit which already appears on the student's official college transcript. Likewise, exams may not be taken for credit by a student who has already completed a course for which the credit requested is a prerequisite. A student may not take an exam for a course in which he or she has been enrolled previously.

Students of exceptional ability or who have had extensive preparation in a given area are encouraged to take advantage of credit by examination. Up to 64 hours of credit by examination may be applied toward a degree. Persons interested in registering for an examination should consult the Office of Outreach Education and Testing. General information is available in the Registrar's Office.

Transfer Credit

West Virginia Wesleyan College accepts transfer credit from regionally accredited colleges and universities in the United States as well as from officially recognized colleges and universities in other countries. Credit earned in the arts, letters, and sciences, and selected professional disciplines is eligible for transfer to Wesleyan. Credit may be accepted by special arrangement from a non-accredited institution; however, credit will not be posted to the student's permanent record until the student has completed one academic year of work at Wesleyan with an average grade of C. The Admission and Academic Standing Council may require examinations to demonstrate proficiency in work taken at non-accredited institutions. The Office of the Registrar is responsible for the evaluation and acceptance of transfer credit.

Wesleyan students who wish to complete work toward a Wesleyan degree at another institution must receive approval of specific courses prior to enrolling in them to guarantee that they will be accepted by the College and satisfy intended degree requirements.

Alternative Entry Program

See description under Admission on page 17.

Credit for Educational Experience in Armed Services

The College may grant appropriate credit, as recommended in *The Guide to the Evaluation of Educational Experiences in the Armed Services*, and as modified or

superseded by later recommendations of the Commission on Educational Credit of the American Council on Education, to students who either submit satisfactory documentary evidence (e.g., DD 214), or demonstrate on such tests as the College may prescribe that they have achieved, through educational experience in the armed services, a satisfactory degree of mastery of any subject for which the College regularly gives credit.

In granting credit under these regulations, no duplication of credit will be allowed, and no fractional credits will be granted. Credit in physical education may be allowed for educational experience in the armed services only when the applicant has completed 12 continuous months of active military service. Credit for educational experience gained in the armed services will be recorded only for persons who are currently enrolled as students in the College.

Interested persons should consult the Registrar.

Credit for Noncollegiate Study

The College may grant credit, as recommended in *The National Guide to Credit Recommendations for Noncollegiate Courses* of the American Council on Education, for the study of subjects in other than college settings which are consistent with the curricular program of Wesleyan. Such credit will be recorded only for persons enrolled in a degree program at the College. Inquiry should be made with the Registrar.

Auditing

A person desiring to audit a course must obtain permission from the Dean of the College, register as an auditor, and pay the auditor's fee for the course. (See Auditors in Expenses and Financial Aid section.) A full-time student may audit a course without having to pay the audit fee if the credit hours normally granted for the audited course would not create an overload, were they earned credits.

Auditors take no examinations, submit no written work, do no laboratory work, and receive no credit for courses audited.

Assessment of Student Academic Achievement

Wesleyan engages in the systematic, ongoing assessment of student academic achievement as a means of improving its academic programs and reinforcing its commitment to its educational mission. Assessment activities are designed to determine student growth and to measure student achievement, both in general studies and in the academic major. For purposes of institutional program review, students may be required to participate in national or departmental assessment examinations.

Although student participation in assessment activities is required, confidentiality of data will be strictly maintained. Individual scores or responses will not become part of the student's permanent academic record, and reports of assessment results will be in aggregate form.

Instructional Offerings

Course Numbering System

The first of the three digits of the course number indicates the general level of instruction (target audience).

001 – 099	Developmental courses.
101 – 199	Courses taught at a level appropriate for the general freshman population.
201 – 299	Courses taught at a level appropriate for sophomores (determined by hours earned).
301 – 399	Courses taught at the general "upper division" level—i.e., for juniors and seniors.
401 – 499	Courses intended *exclusively* for seniors—e.g., capstone seminars, student teaching, senior research projects.
501 – 599	Graduate courses.

- Students with a cumulative GPA of 2.7 or above, or who have passed an appropriate placement examination, are permitted to select courses one level above their class standing, except for 400-level courses. Students new from high school may do so if their high school GPA was 3.0 or above.
- Freshmen in the honors program or with a college cumulative grade point average of 3.25 or above may, with permission of the instructor(s), select courses two levels above their class standing.
- Only students who have earned a bachelor's degree may enroll in 500-level courses.
- Students wishing to select advanced courses who do not meet the GPA or other requirements may petition the Admission and Academic Standing Council for permission to do so.

Accounting

See Business for description of major program.

Art

A. Berry, Davis, Mason, Pelletier

The art program is designed to develop a knowledge of aesthetic elements and principles and the capacity to express one's creative potential. Emphasis is placed on the preparation of students for successful careers in art through study in such areas as painting, drawing, graphic design, ceramics, printmaking, art education, and art history.

The art facility has extended studio hours. It also houses the Sleeth Gallery, whose program includes regular visiting artists, workshops, and curated exhibitions.

The rigorous and challenging programs of study in art are capped with a required internship experience in the chosen field of study. All studio art majors are required to participate in a senior exhibition and assemble a portfolio of successful work.

Art scholarships are available to qualified students on a competitive basis. For information, contact the Office of Admission or the art department.

Requirements for Major

39-45 semester hours, including core courses plus requirements for one concentration as prescribed below.

Core Requirements (21 hours): ART 111, 112, 121, 122, 241, 242, 246.

Painting and Drawing Concentration (21-24 hours): ART 211, 212, 320 (6 hours), ART 325, 330, art elective (3 hours), ART 395 (0-3 hours), Senior Exhibition.

Ceramics Concentration (18-21 hours): ART 201, 220, 301 (6 hours), art elective (3 hours), studio art elective (3 hours), ART 395 (0-3 hours), Senior Exhibition.

Graphic Design Concentration (21-24 hours): ART 260, 261, 361, 371, 373, 375, studio art elective (3 hours), ART 395 (0-3 hours), Senior Exhibition.

Art Education Concentration (24 hours): ART 101; ART 201 or 220; ART 211, 215, 260, 315, 325, 330.

Requirements for Minor

24 semester hours, including ART 111, 112, 121, 122, 241, 242, plus 6 additional hours in one studio area.

ART 101. The Visual Experience. **3 hrs.**

An introductory course designed to aid students in their own appreciation of art, by providing a basis for aesthetic judgment. Great works of art, illustrative of historical styles of architecture, sculpture, and painting, are studied with attention to line, form, space, and color. Illustrated by slides, reproductions, and, when possible, original works of art.

ART 111. Drawing I. **3 hrs.**

Introduction to fundamentals of drawing. Analysis and rendering of line, form, value, texture, and color through use of various media. Principles of balance, proportion, rhythm, and unity.

ART 112. Drawing II. **3 hrs.**

Continuation of ART 111. *Prerequisite:* ART 111 or permission of instructor.

ART 121. Design Fundamentals I. **3 hrs.**

Introduction to the study of the elements of design, applicable to all problems of visual expression. Comprehensive consideration of the principles of color and composition. Experimentation and practice in the problems related to two-dimensional design.

ART 122. Design Fundamentals II. **3 hrs.**
Introduction to the study of design as applied to three-dimensional, sculptural work. Emphasis on additive, subtractive, and casting processes. Principles studied include balance, form, space, color, scale, and texture. *Prerequisite:* ART 121.

ART 188, 288, 388, 488. Special Topics. **1-3 hrs.**
A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

ART 201. Ceramics. **3 hrs.**
An introduction to wheel-thrown ceramics. The creation of functional objects using the traditional craft processes of forming clay on the potter's wheel. Investigation of techniques for decorating, glazing, firing.

ART 211. Painting I. **3 hrs.**
Introduction to painting. Comprehensive consideration of the principles of design and color and their application to pictorial composition. Experimentation in various media. *Prerequisite:* ART 111.

ART 212. Painting II. **3 hrs.**
Continuation of ART 211. *Prerequisites:* ART 111 and 211 or permission of instructor.

ART 215. Methods of Teaching Elementary Art. **3 hrs.**
A course designed to introduce students to the purposes/goals of art education for children. Emphasis will be given to learning to look, feel, and talk about art. Curriculum study, which includes the planning and development of an art matrix, the effects of various compositional elements within a work of art, and characteristics of children's art at a given developmental stage. Limited experimentation with basic art media and materials using inexpensive and collected art resources. *Enrollment limited to elementary education majors and secondary education majors seeking certification in art.*

ART 220. Ceramic Sculpture. **3 hrs.**
An introduction to handbuilt ceramics. Emphasis on concept, design, and forming processes as they relate to ceramic sculpture. Students will explore sculpture concepts while working with a wide range of construction techniques including coil and slab, modelling, press molding, and casting. Various firing and glazing processes will be used. *Prerequisite:* ART 122.

ART 241. Survey of Art I: Ancient and Medieval. **3 hrs.**
Historical study of architecture, sculpture, painting, and the minor arts of the western world. Art is presented as an objectification and record of man's major beliefs and ideas. *Offered in alternate years.*

ART 242. Survey of Art II: Renaissance and Modern. **3 hrs.**
Continuation of ART 241. *Prerequisite:* ART 241. *Offered in alternate years.*

ART 246. History of Twentieth Century Art. **3 hrs.**
A study of important Western art of the twentieth century including painting, sculpture, and architecture. Beginning with the major contributions of the movements of the late nineteenth century, students will explore the ideas of modern, Western art on both sides of the Atlantic Ocean. *Offered in alternate years.*

ART 260. Computer Illustration. **3 hrs.**
Introduction to digital environments and their uses as both tool and medium. Focus on the technical operations of the computer's hardware and software as well as the industry's jargon. Exploration of interactive multimedia, digital imaging (both raster and vector-based graphics) and their applications. Investigations of illustration techniques, scanned and video image manipulation, and production for hard copy imaging. Software includes HyperCard, Illustrator, Painter, and Photoshop. *Prerequisite:* ART 121. *Offered in alternate years.*

ART 261. Graphic Design. **3 hrs.**

A study of the processes involved in translating ideas into commercial, graphic images. Emphasis on design and layout for print production. Areas of investigation include idea generation, roughs, layout, typography, and presentation for client approval. *Prerequisite:* ART 260. *Offered in alternate years.*

ART 301. Advanced Ceramics. **3 hrs.**

Consideration of complex hand-built forms and techniques of wheel-forming. Study of basic glaze chemistry and body formulation, advanced decorating techniques, and various firing methods. Emphasis on experimental techniques and individual creative expression. *Prerequisites:* ART 201 and 220. *May be repeated for credit.*

ART 315. Methods of Teaching Art (Grades 5-12). **3 hrs.**

Field study and observation in the public schools. Factors determining a secondary program, such as geographical area, facilities, attitudes, scheduling. Curriculum study; sequential planning through the total school program K-12. Sensitivity and skill development in description, analysis and evaluation of art forms. *Must be taken prior to student teaching. Prerequisite:* ART 215.

ART 320. Advanced Painting. **3 hrs.**

Intensive investigation of composition and technique in painting with emphasis on the development of individual style. Student may work in various media. *Prerequisite:* ART 212 or equivalent. *May be repeated for credit.*

ART 325. Advanced Drawing. **3 hrs.**

The drawing considered as an art form with experiments in the emotional quality of drawing. Emphasis on quality and the development of a personal creative expression. *Prerequisite:* ART 112 or equivalent. *May be repeated for credit.*

ART 330. Printmaking. **3 hrs.**

A study of the fundamentals of intaglio processes—soft and hard ground etching, drypoint, aquatint, engraving, etc. Relief printmaking studied in some semesters. *Prerequisite:* ART 111. *May be repeated for credit.*

ART 361. Desktop Publishing. **3 hrs.**

An introduction to the use of computer systems for graphic and publication design. Study of graphic design concepts and processes using the computer as a design and production tool. Advanced study of print production, color separation, color comprehension presentation, and pre-press production. *Prerequisite:* ART 260.

ART 371. Time-Based Design. **3 hrs.**

Examination of the effect of time within the digital domain and in the physical world. Primary focus on the exploration of digital sound environments, advanced 2-D digital imaging and animation, and the design principles of the "Web." The course will deal with screen-delivered computer graphics as well as alternative output options. *Prerequisite:* ART 260.

ART 373. Interactive Design. **3 hrs.**

Exploration of the structure of interactivity. Using digital imaging, sound, video and text, students will construct interactive applications to be delivered via local disks and by transmission. The course culminates in a fully developed interactive project using a variety of software and the Lingo programming language, which is pressed to a CD-ROM for dissemination. *Prerequisite:* ART 371.

ART 375. Advanced Design Studio. **3 hrs.**

Advanced study of design industry with specialized study of computer-generated publication design of magazine, newspaper, book, and collateral pieces through electronic publication. *Prerequisite:* ART 361. *Offered in alternate years.*

ART 395. Internship. **0-3 hrs.**
Designed to provide on-the-job training during the last three semesters of student work. Following art department internship guidelines and in coordination with the art faculty, students will secure an appropriate internship assignment in the field of their concentration. Summer internships encouraged. *Prerequisite:* Art major in last three semesters of study.

Biology

Colson, Gregg, McCormick, Mary Miller, Simmons, Sullivan

Students completing this major will be able to (1) demonstrate factual knowledge in the major fields of biology: molecular and cellular biology, organismal physiology, genetics, ecology, evolution, and systematics; (2) conduct experiments, analyze data, and present conclusions in scientific format; (3) comprehend and analyze current scientific literature and communicate their understanding orally and in writing; and (4) work effectively in groups to solve problems. In addition, the major prepares students for their chosen careers by providing preprofessional training for future students of medicine, dentistry, optometry, veterinary science, pharmacy, medical technology, physical therapy, and other allied health fields; by preparing them for graduate studies in biological and environmental sciences; by providing training for those choosing biology as a teaching field; and by giving students a solid background for careers in diverse fields such as pharmaceutical sales, laboratory technology, and horticulture.

For requirements for majors and minor in environmental science, see page 101.

Requirements for Major

46-47 semester hours, including BIO 160, 250, 252, 254, 342, 344; either BIO 310 or 320; either BIO 312 or 316; either BIO 360 or both BIO 354 and 355; BIO 497; CHE 161, 162, 163, 164; one course selected from MTH 110, 130, 150, 161.

Biology majors are expected to take BIO 160, 250, 252, and 254 in sequence as prerequisites for further majors' courses. BIO 342 and 344 are required in the junior year. Majors must take CHE 161, 162, 163, 164 in their freshman or sophomore year. In special circumstances, exceptions to these sequence requirements may be made by the department chair. CHE 221, 222, 223, 224 and PHY 151, 152 are recommended.

Requirements for Minor

16-17 semester hours, including BIO 160, two 4-hour courses numbered 250 and above, and either a third 4-hour course numbered 250 and above or both BIO 342 and 344.

Requirements for Human Biology Minor

15-16 semester hours, including Biology 110 or 160; BIO 211 and 212; and either BIO 220, 250, 330, or 360.

BIO 110. General Biology. **3 hrs.**
An introduction to biology for allied health students and for other non-majors. Emphasis on cells, biological molecules, energy, basic metabolism, and genetics, with a brief survey of ecology and evolution. Laboratory included. Does not count toward a biology major. *Students may not receive credit for both BIO 110 and BIO 160. Offered fall semester.*

BIO 120. Plant Science. **3 hrs.**
The study of the significance of plants to human life and interrelationships between plants and people. Emphasis on plant variety, structure, and function to aid in growing and enjoying plants in the home and garden. Introduction to important plant products (foods, beverages, spices, medicines, poisons, fibers, lumber). Laboratory and field trips included. Designed for non-majors.

BIO 130. Environmental Science. **3 hrs.**
A study of the relationships between humans and the natural world. Basic principles of biology, population studies, natural resources, food, energy, pollution, environmental ethics, etc. Laboratory included. Designed for non-majors; may be used as an elective for the major or minor with permission.

BIO 140. Human Life Science. **3 hrs.**
Major topics include normal and abnormal functioning of the human body, human evolution and genetics, and recent advances in medical and biological science. Discussion of controversial topics of moral and ethical concern. Laboratory included. For non-biology majors.

BIO 160. Principles of Biology. **4 hrs.**
A survey of the principles of biology at the molecular and cellular levels, including energetics, reproduction, genetics, evolution, and ecology. Laboratory included. *Students may not receive credit for both BIO 160 and BIO 110. Offered fall semester.*

BIO 188, 288, 388, 488. Special Topics. **1-3 hrs.**
A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

BIO 211. Human Anatomy and Physiology I. **4 hrs.**
A study of the structure and function of the human body with emphasis on cells, tissues, skin and the coordination and control of body movements; skeletal, muscular and nervous systems are covered. Laboratory and lectures. *Prerequisites:* BIO 110 or 160 and CHE 105, 107 or 161, 163. *Offered spring semester.*

BIO 212. Human Anatomy and Physiology II. **4 hrs.**
Continuation of BIO 211; emphasis is placed upon the interactions of endocrine, cardiovascular, respiratory, digestive, urinary, and reproductive systems and the maintenance of metabolism and fluid and electrolyte balance of the human body. Laboratory and lectures. *Prerequisite:* BIO 211. *Offered fall semester.*

BIO 220. General Microbiology. **4 hrs.**
Designed for nonmajors planning careers in nursing, dental hygiene, nutrition, physical therapy, medical technology, or other allied health fields. Emphasizes medically important microorganisms, their characteristics, identification, pathogenicity, toxigenicity, and control. Other topics include human disease resistance and immunity, epidemiology, and food and water microbiology. Lecture and laboratory. *Prerequisite:* BIO 110 or 160. *Pre- or corequisites:* CHE 106, 108 or 162, 164. *Offered spring semester.*

BIO 250. Genetics. **4 hrs.**
A study of the principles of inheritance and the nature of the genetic material. Emphasis upon contemporary developments. Training in laboratory procedures, statistical treatment of data, and logical interpretation of scientific research. *Prerequisites:* BIO 160; CHE 161, 163. *Offered spring semester.*

BIO 252. Introduction to Physiology. **4 hrs.**
Study of basic, comparative, and ecological physiology, with an emphasis on animal systems. Lectures and laboratory investigations of thermoregulation, nerve function, osmoregulation, and other physiological processes. Discussion of the historical development of ideas in physiology and of selected topics from current research. *Prerequisites:* BIO 110 or 160; BIO 130 or 250. *Offered fall semester.*

BIO 254. Experimental Biology. **4 hrs.**
Basic principles of experimental design and statistics for biology majors, primarily using higher plants as experimental organisms. Necessary plant physiology will be included in lectures, thus complementing BIO 252 to give students an understanding of the physiology of both animals and plants. Group and individual laboratory experiments and laboratory reports will be an

integral part of the course, with emphasis on proper format, statistical analysis, synthesis, use of primary scientific literature, and source documentation. *Prerequisite:* BIO 252. *Offered spring semester.*

BIO 310. Ecology. 4 hrs.
A study of the relationships of plants and animals to their environment. The concepts of energy flow, ecosystems, communities, and population ecology will be discussed. Assigned readings and discussion of original source materials. Lectures, laboratories and field trips. *Prerequisites:* BIO 254; CHE 161, 163 or CHE 105, 107. *Offered fall semester, alternate years.*

BIO 312. Plant Systematics. 4 hrs.
An introduction to systematics, diagnosis, identification, and classification of higher plants, with emphasis on local flora and flowering plant families of West Virginia. Lectures, laboratory, and field trips. *Prerequisite:* BIO 254 (or BIO 120, with permission). *Offered fall semester, alternate years.*

BIO 316. Vertebrate Zoology. 4 hrs.
A study of the evolution, systematics, adaptations, and natural history of the vertebrates. Lectures, laboratory and field trips. *Prerequisite:* BIO 254. *Offered fall semester, alternate years.*

BIO 320. Animal Behavior. 4 hrs.
A study of the behavior of animals from an evolutionary perspective, with emphasis on how natural selection shapes behaviors and the adaptive value of behaviors. Mate choice, reproductive strategies, parenting, social systems, vocalization, and competitive interactions will be covered. Laboratory stresses design and performance of experimental analysis of animal behavior. Field trips included. *Prerequisite:* BIO 254 or permission of instructor. Recommended for psychology majors. *Offered fall semester, alternate years.*

BIO 330. Histology. 4 hrs.
A study of animal tissues including a survey of techniques and laboratory practice in selected procedures. *Prerequisite:* BIO 254 or BIO 212. *Offered spring semester, alternate years.*

BIO 340. Comparative Anatomy. 4 hrs.
A comparative evolutionary study of different vertebrate anatomical systems with emphasis on the dissection of the shark, mudpuppy, and cat. *Prerequisite:* BIO 254. *Offered spring semester, alternate years.*

BIO 342. Survey of Organisms. 2 hrs.
Laboratory survey of the earth's biota, including the major divisions or phyla of bacteria, protists, fungi, plants, and animals. Emphasis on recognition of these groups, their key characteristics, and adaptations to challenging environmental conditions. *Prerequisite:* BIO 254. *Corequisite for biology majors:* BIO 344. *Offered spring semester.*

BIO 344. Evolution. 3 hrs.
Study of biological evolution at all levels, from genetic change in a population to macroevolutionary patterns. Topics will be drawn from the disciplines of population genetics, cladistics, evolutionary ecology and paleontology. Discussion of current theories concerning adaptation, speciation, extinction, and the origin of life. *Prerequisite:* BIO 250. *Offered spring semester, alternate years.*

BIO 354. Molecular Cell Biology. 3 hrs.
A study of relationship between structure and function at the cellular level. Topics covered include biologically important molecules, enzymes, membranes, genetic material, protein synthesis, cellular metabolism, photosynthesis, nerve impulses, and muscle contraction. *Prerequisites:* BIO 254, CHE 221. *Offered spring semester, alternate years.*

BIO 355. Molecular Cell Biology Laboratory. 1 hr.
Laboratory exercises which emphasize the techniques and theories of isolating and characterizing biologically important compounds. Techniques include spectrophotometry, chromatography,

electrophoresis, high speed centrifugation, and respirometry. *Corequisite:* BIO 354 or CHE 350. *Offered spring semester, alternate years.*

BIO 360. Principles of Microbiology. 4 hrs.

Designed for students planning to pursue careers in biology, biochemistry, medicine, pharmacy, dentistry, optometry, veterinary science, etc. Surveys diversity, ecology, cell biology, metabolism, energetics, taxonomy, genetics, control of microorganisms and viruses, and implications for human health and medicine. Lecture and laboratory. *Prerequisites:* BIO 254; CHE 162, 164. *Offered spring semester.*

BIO 370. Ecosystem Ecology. 3 hrs.

In-depth, comparative study of major ecosystem types including marine, aquatic and terrestrial. Concepts in ecosystem function will be discussed, such as biomass production, nutrient cycling, diversity, stability, resilience and succession. Students will learn to write and critique environmental impact assessments. Assigned readings and discussion of original source material. Lecture/discussion with two Saturday field trips. *Prerequisites:* BIO 130, 310. *Offered spring semester, alternate years.*

BIO 372. Environmental Analysis. 4 hrs.

Basic principles of experimental design and statistics, sampling protocols, and techniques for analyzing soil and water samples for inorganic pollutants. Early in the course students will actively participate in a scientific study of the Buckhannon River Watershed. Later in the semester each student will design and conduct an individual research project. Types of analyses that will be conducted include pH, conductivity, and concentrations of nitrate, phosphate and heavy metals. Laboratory and field trips. *Prerequisites:* BIO 130, 254; CHE 105, 107 or 161, 163. *Offered spring semester, alternate years.*

BIO 374. Immunology. 3 hrs.

A study of immune systems and the immune response (antigens, antibodies, complement, recognition of self, allergies). Lectures and assigned readings. *Prerequisite:* Junior or senior biology or chemistry major. *Offered spring semester alternate years.*

BIO 376. Field Biology. 3 hrs.

Nature is the classroom in this course that examines the geology, natural history, and community and ecosystem ecology of the Appalachian region. As topics change from year to year, this course may be taken more than once with the approval of the department. *Prerequisite:* BIO 254. *Offered fall semester, alternate years.*

BIO 397. Seminar in Environmental Issues. 2 hrs.

Oral and written presentations on current scientific and popular articles concerning environmental issues related to the course theme. Perfecting skills in scientific communication is emphasized. A new theme is selected each semester. *Satisfies advanced composition requirement for general studies. Prerequisite:* BIO 130. *Offered spring semester, alternate years.*

BIO 398. Research. 1-2 hrs.

Independent research in environmental or biological science that allows the student to carry out a literature search, design an independent experiment, perfect field and laboratory skills, conduct data analysis and practice scientific communication. *Prerequisites:* BIO 310; CHE 106, 108 or 162, 164. *May be repeated once for credit.*

BIO 497. Seminar. 2 hrs.

Oral and written presentations on current research papers from the primary biological literature. Emphasizes perfecting skills in scientific communication. Topic is selected by the students. *Satisfies advanced composition requirement for general studies. Prerequisite:* Senior standing or permission of faculty. *Offered spring semester.*

Business

Cline, Ervin, Godwin, Gum, McCauley, Shaafi

Programs in business prepare men and women for careers in business that require decision making in a complex setting. The programs' two overriding goals are to provide for all students, through the College's general studies core curriculum, *a firm base of liberal education* that will develop within them a global view of human understanding; and to present business instruction so that students may understand *the functions of the business firm as a whole and the purposes of functional areas of business in particular*.

The business faculty recognize that the growing, rapidly changing character of American and world business demands that individuals involved in the decision-making process of business firms project their thinking to the future. They must be *creative and innovative* while understanding the successes and failures of the past. Wesleyan's strong liberal arts component provides students a foundation from which to evaluate the business firm's social and moral responsibilities and their own individual responsibilities as they develop a personal philosophy of business.

The programs in business lead to the Bachelor of Science and Master of Business Administration degrees.

Undergraduate Programs

Requirements for Major in Accounting, Business Administration, Management, or Marketing; Bachelor of Science Degree

48-72 hours, including core requirements and requirements for the specific major. PSY 205 (Business and Industrial Psychology) may be credited as an elective in all of these majors and in the business minor. *Students majoring in accounting, business administration, management or marketing may not declare a second major in any of those four areas, nor may they declare a minor in business.*

Core Requirements (33-36 hours): BUS 101*, 111, 112, 140, 160, 201, 221; ECO 110, 120, 221; CSC 101, 250. **Requirement of BUS 101 will be based on official placement.*

Accounting Major (36 hours): BUS 211, 212, 217, 218, 303, 304, 311, 315, 318, 341, 497, and a 3-hour elective in business.

Business Administration Major (15-18 hours): BUS 215 and 12 hours of business electives, at least 9 of which must be 300-level or above. *BUS 217 and 218 may be substituted for BUS 215.*

Management Major (30 hours): BUS 215, 245, 251, 303, 304, 341, 351, 497, and 6 hours of business electives. *BUS 217 and 218 may be substituted for BUS 215.*

Marketing Major (30 hours): BUS 215, 268, 272, 275, 303, 345, 361, 497, and 6 hours of business electives. *BUS 217 and 218 may be substituted for BUS 215.*

The department recommends that majors elect the following courses, some of which will fulfill general studies requirements: PHL 230 (Ethics); PSY 101 (General Psychology); SOC 101 (Principles of Sociology); a political science course; and MTH 110 (College Algebra), 130 (Pre-Calculus), or 150 (Problem Solving). MTH 161 (Calculus I) is strongly recommended for all students who plan graduate study.

Requirements for Business Minor

15 semester hours, including BUS 111 and 112.

BUS 101. Business Mathematics. **3 hrs.**

An introduction to business calculations including such topics as interest, discount, depreciation, ratios, and descriptive statistics. *Prerequisite:* Official placement.

BUS 111. Principles of Accounting I. **3 hrs.**

Introduction to the fundamental principles involving business transactions necessary for financial reporting.

BUS 112. Principles of Accounting II. **3 hrs.**

Continuation of BUS 111 with additional material on internal reports, taxes, and financial statement analysis. *Prerequisite:* BUS 111.

BUS 140. Principles of Management. **3 hrs.**

The study of management concepts and practices applicable to all organizations and their impact on planning and organizational development. This course covers a range of management topics, including policy formation, managerial functions, organization theory, motivation, and time management.

BUS 160. Principles of Marketing. **3 hrs.**

Examination of the theoretical and practical foundations of marketing in a global-managerial framework. Emphasis on applied economics and marketing-mix decision variables: product, pricing, channels, and promotion. Group projects, case studies, and computer simulations. Business calculator required. *Pre- or corequisites:* Any 100-level math course except MTH 150 or placement in MTH 161; CSC 101.

BUS 188, 288, 388, 488. Special Topics. **1-3 hrs.**

A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

BUS 201. Business Statistics. **3 hrs.**

A study of analysis of business and economic data including descriptive statistics, statistical inference, regression, correlation, time series, and index numbers. Additional information is presented on basic probability theory and probability distributions and their relation to quantitative decision making. Includes training in SPSS. *Prerequisites:* Any 100-level math course except MTH 150 or placement in MTH 161; CSC 101.

BUS 211. Intermediate Accounting I. **3 hrs.**

A study of the accounting statements and the limitations involved in their preparation. Emphasis is on accounting theory and concepts and on analysis of the problems that arise in applying these concepts to financial accounting. Alternate views to the generally accepted position are explored and evaluated. *Prerequisite:* BUS 112.

BUS 212. Intermediate Accounting II. **3 hrs.**

Continued emphasis on accounting concepts; on conflicts and limitations that exist within the traditional structure of accounting theory. Attention is focused on the use of accounting information as a basis for decision making of management, stockholders, creditors, and other users of financial statements and accounting reports. *Prerequisite:* BUS 211.

BUS 215. Managerial Accounting. **3 hrs.**

A survey of accounting methods from the viewpoint of management, income measurement, analysis of and interpretation of accounting data, internal cost reports, operation budgets, standard costs, transfer jobs, job and process costing, capital budgeting. *Prerequisites:* BUS 112, CSC 101.

BUS 217. Cost Accounting I. **3 hrs.**

Emphasis is placed on the cost data accumulation methods used in a job order and in a process cost system. *Prerequisite:* BUS 112.

BUS 218. Cost Accounting II. **3 hrs.**

Emphasis is placed on controlling costs through budgeting and standard cost systems. Detailed attention is given to cost analysis and profit planning as they relate to decision making. *Prerequisite:* BUS 217.

BUS 221. Principles of Finance. **3 hrs.**

A study of the methods and instruments used to finance the operations of a firm. Emphasis on the value of the firm and how financial decisions affect that value. Additional topics include working capital management, leverage, risk, cost of capital, and dividend policy. *Prerequisites:* BUS 111, 112; CSC 101.

BUS 225. Intermediate Finance. **3 hrs.**

Analysis and discussion of financial theories and practice relating to major corporate financial decisions—long-term investment and financing. Topics include cost of capital, capital structure, risk analysis, capital budgeting, long-term financing, financial forecasting, and financial analysis and planning. *Prerequisite:* BUS 221.

BUS 231. Fundamentals of Investing. **3 hrs.**

Introduction to basic financial concepts relating to marketable investment choices (common stock, debt securities, options, futures, etc.). The student will examine the analysis and research necessary to make good investment choices and learn some of the language of investments. *Prerequisites:* BUS 111, 112; CSC 101.

BUS 245. Operations Management. **3 hrs.**

A survey of the quantitative techniques used in the modern business organization. A number of deterministic and probabilistic models will be introduced with an emphasis on their application to relevant business problems. *Prerequisites:* BUS 140, 201.

BUS 251. Human Resource Management. **3 hrs.**

Personnel problems of operating management. Policy decisions and practices involving selection, recruitment, training, job analysis and evaluation, work load, motivation, remuneration, morale, discipline, personnel appraisals, management development, and other areas. *Prerequisite:* BUS 140.

BUS 268. Marketing Research. **3 hrs.**

Examines the role of marketing research in business decision making. Emphasis on technical and substantive issues in conducting survey research. Group research projects include questionnaire design, data collection, data analysis, and interpretation and presentation of findings. *Prerequisites:* BUS 160, 201.

BUS 272. Marketing and Consumer Behavior. **3 hrs.**

Examines the interactive influences of affect, cognition, behavior, and the external environment on the consumer decision process. Emphasis on causal research design and analysis. Group research projects include hypothesis development, experimental or quasi-experimental design, data collection and analysis, and theory testing. *Prerequisites:* BUS 160, 201.

BUS 275. Sales Management. **3 hrs.**

Introduction to selling viewed from principles and practices, management, policy formulation, the selling process, selecting personnel and training. *Prerequisite:* BUS 160.

BUS 303. Business Law I. **3 hrs.**

Basic legal principles applicable to commercial transactions, with special emphasis on contracts, agencies, and partnerships.

BUS 304. Business Law II. **3 hrs.**

Emphasis on commercial contracts and the Uniform Commercial Code. This course employs case analysis and legal research.

BUS 309. Business Communications. **3 hrs.**
Focuses on principles and techniques involved in organizing ideas, writing effective business letters, and presenting reports, both oral and written.

BUS 311. Advanced Accounting. **3 hrs.**
A study of partnerships, special sales procedures, consolidations, fiduciaries, and fund accounting. Emphasis is on the consolidation of corporate holdings given various complex situations. *Prerequisite:* BUS 212.

BUS 315. Auditing. **3 hrs.**
Work of accountant in investigating, interpreting, and appraising accounting and related records. *Prerequisite:* BUS 217.

BUS 318. Income Tax Accounting. **3 hrs.**
A study of income tax law as it applies to the individual, partnership, and corporation. Emphasis is on the preparation of individual returns and the understanding of how to research the answer to a tax question using standard tax research aids. *Prerequisite:* BUS 112.

BUS 341. Management Science. **3 hrs.**
A study of the applications of various mathematical techniques to the solution of modern business problems. Topics include decision tables, linear programming, network analysis, inventory models, PERT, and simulation. *Prerequisite:* BUS 201.

BUS 345. Advertising Management. **3 hrs.**
Integrates theory with planning, management, and strategy. Draws on the extensive research in advertising, consumer behavior, communications, marketing, and sales promotion to provide a basis for understanding the marketing communications process, how it influences the consumer decision process, and how to develop effective promotional strategies. Group projects on promotional design and media planning. *Prerequisite:* BUS 160.

BUS 351. Labor Management. **3 hrs.**
Historical development of the labor movement, collective bargaining, role of government in the labor field, wage and employment theory, and the public interest. *Prerequisites:* BUS 140, CSC 101.

BUS 361. Marketing Strategy. **3 hrs.**
Examines the strategic, tactical, and administrative issues surrounding marketing management decisions. Draws heavily on applied economics, the behavioral sciences, applied mathematics, and managerial accounting. Case studies, computer simulations, and marketing plans. *Prerequisites:* BUS 160, 201.

BUS 365. Topics in Marketing. **3 hrs.**
Examines the current and classical literature relevant to marketing. Topics may include applied economics, applied social psychology, ethics and social responsibility, nonprofit marketing, and marketing and technology. *Prerequisites:* BUS 160 plus three additional hours in marketing.

BUS 371. International Marketing. **3 hrs.**
Examination of marketing managerial processes in international contexts. Analysis of the impact of international economics, culture, and nationalistic governmental policies on trade patterns and marketing decision making in multinational firms. *Prerequisites:* BUS 160 plus three additional hours in marketing.

BUS 497. Business Policy. **3 hrs.**
An integrative capstone course bringing into focus the interrelationship of the functional areas—accounting, finance, production, marketing, human resources, information systems—which, together with the necessary attitudes and skills, are required of managers to make a business successful, considering its environment and public responsibilities. Students apply what they have learned in core and specialized area courses to the overall management function in the enterprise. Includes significant research, writing, and presentation components. *Satisfies advanced composition requirement for general studies.*

Master of Business Administration Program

Building on the established strength of its most heavily enrolled area of study, Wesleyan offers a course of study leading to the Master of Business Administration degree. The program incorporates study in accounting, finance, management, economics, and marketing, and places special emphasis on the development of problem-solving and decision-making skills. Committed to concern for individuals and the issues that affect them in society, the broad, integrated curriculum reflects the belief that the graduate should be a generalist capable of integrating fundamental knowledge of business functions in a changing environment.

The 36-semester hour program is designed to be pursued either on an intensive schedule by full-time students or on a part-time basis by business professionals, utilizing evening, weekend, and summer class opportunities. A supplement to this catalog which contains detailed information on admission and academic policies and tuition and fees is available upon request from the M.B.A. Office, which can also provide course schedules.

Admission

Application for admission to the program is invited from any graduate of an accredited college or university regardless of the undergraduate major. The M.B.A. director will interview each candidate and evaluate academic achievement at the undergraduate level and graduate level (if applicable), test scores, special skills, and other factors relevant to successful candidacy. Applicants whose primary language is not English must submit a score of 500 or above on the Test of English as a Foreign Language (TOEFL).

Applicants must submit scores from the Graduate Management Admission Test (GMAT), administered by the Educational Testing Service, or arrange to take the test before completing 12 hours of graduate study.

The following undergraduate core courses are prerequisite: Principles of Accounting, 6 hrs.; Principles of Management, 3 hrs.; Principles of Marketing, 3 hrs.; Principles of Economics, 3 hrs.; Statistics, 3 hrs.

With permission of the program director, certain of these core courses may be taken concurrently with enrollment in M.B.A. courses. However, all core requirements must be met by the time a student has completed 12 hours of graduate courses. Prerequisite courses may be waived, based on professional experience.

Requirements for Master of Business Administration Degree

All candidates must

1 Complete 36 semester hours, including BUS 501, 515, 520, 530, 540, 545, 570, 585, 595; plus 9 hours selected from other listed graduate business courses or courses approved for transfer from other institutions;

2 Earn at least 27 hours in residence;

3 Achieve a cumulative B average (3.0 grade point average) in all courses applicable toward the M.B.A. degree.

Policies

Candidates must earn no more than six hours of average course work (two C grades) or three hours of a lower grade.

Candidates must complete all M.B.A. course requirements within seven years of the date of enrollment in the first M.B.A. course.

BUS 501. Advanced Managerial Accounting. **3 hrs.**
Special topics in cost accounting including budgeting, profit plan control, tax planning, inventory control, with special emphasis on decision models. Cash forecasting, modeling the financial aspects of the firm and analyzing the financial statements for investment decisions. *Prerequisites:* Accounting I, II; BUS 505 if accounting study or professional practice is not recent.

BUS 505. Financial Accounting. **3 hrs.**
The rationale for, and implications of, important accounting concepts and accounting procedures that enable the student to interpret, analyze, and evaluate financial statements. Applications of financial statements to the decision-making process. *Prerequisites:* Accounting I, II.

BUS 515. Financial Management. **3 hrs.**
A study of the development of the financial management issues of a corporation, including the analysis of various financial models to improve existing short- and long-term asset management and the cost of obtaining new capital for expansion through debt or equity issues. Specific topics include the importance of budgeting techniques in decision making, and the role of leverage and its impact on a corporation. *Prerequisites:* Accounting I, II.

BUS 520. Operations Management. **3 hrs.**
A study of the structure and behavior of an organization in relationship to planning, organizing, staffing, leading, and controlling from the system perspective. Quantitative techniques, as well as creativity, considered as methods of solving problems and making managerial decisions. *Prerequisite:* Principles of Management.

BUS 523. Organizational Behavior. **3 hrs.**
The development of effective work groups in business based on the study of both intrapersonal and interpersonal relationships. The individual's personal relevance probed through the study of perception, motivation, learning, attitude and stress. Interpersonal relations in such areas as leadership, communication, problem solving, influence and power. Exercises, observation schemes, and conceptual models.

BUS 525. Human Resources Management. **3 hrs.**
The process of bringing people and organizations together so that the goals of each are met. Emphasis on the growing need to link strategic planning of the organization with human resource planning.

BUS 527. Leadership. **3 hrs.**
Leadership as a function of management, including specific approaches and techniques that have proven effective. Literature search focused on the particular knowledge and skills that enhance leadership abilities; class and panel discussions of the leadership role, emphasizing the importance of communication skills and the development of an effective work environment. Written and oral components.

BUS 530. Marketing Management. **3 hrs.**
The marketing function and its problems from the management point of view. Consumer behavior, identification, and measurement with relevance to market segmentation and product positioning. Analysis of the market mix: product, pricing, distribution and promotion. Student involvement through oral and written reports, case studies, class presentations and exams. *Prerequisite:* Principles of Marketing.

BUS 532. International Marketing. **3 hrs.**
The strategic implications of international marketing—whether one is deciding to market abroad or determining how to defend against foreign competition at home. Case studies will concentrate on building market plans spanning two or more countries; both industrial and consumer markets will be covered. Topics will include the organizational problems of managing markets at great distances; culture and its implications for the analysis of consumer motivation; international transactions and nations' comparative advantages in international trade. *Prerequisite:* BUS 530.

BUS 540. Business Research and Forecasting. **3 hrs.**

The sources and uses of business data. Methodology of research design and execution including the scientific approach, descriptive versus causal studies, data collection, questionnaire design, sampling theory, data compilation and interpretation, variance analysis, extrapolation, and the writing and presentation of business research findings. Emphasis on the practical uses of research in decision making. *Should be taken as one of the first M.B.A. courses.*

BUS 545. Statistical Methods. **3 hrs.**

Statistical models, probability distributions, hypothesis testing, regression, transformations, analysis of variance, Chi-square and split-plot experimental designs, planned and unplanned multiple and orthogonal comparisons, time series analysis and forecasting. Computer software analysis of case materials. *Prerequisite:* Statistics.

BUS 560. Management Information Systems. **3 hrs.**

The impact of computer technology on the management of resources. Computer management applications, information management, system performance, system planning, selection, implementation, and evaluation from a managerial perspective. Presentations and case analysis using current software packages for decision analysis, modeling, and data storage and retrieval.

BUS 570. Managerial Economics. **3 hrs.**

The principle uses of economic theory in managing the firm. Applying economic analysis to solving problems faced by business management; understanding the economic basis for business policies and key economic concepts that affect business decisions. Economic and legal backgrounds of decisions on price, output, investment, and related matters; consequences of such decisions. *Prerequisites:* Principles of Economics, Statistics.

BUS 583. Personal Investment Strategy. **3 hrs.**

The practical application of concepts of investing and personal financial planning. Consideration of the various investment opportunities in the United States today, with primary emphasis on the stock market. The goal will be to set forth investment principles that the student can apply to maximize return and minimize risk.

BUS 584. Productivity Software for Managers. **3 hrs.**

Computer-based information processing systems that support the operations and decision-making processes in organizations. Students will gain hands-on experience in using productivity software, including spreadsheet, database, graphing, and word processing packages, on both the mainframe and the personal computer. No previous computer experience is required. This course is recommended as a foundation M.B.A. course for students who do not have strong database and spreadsheet background.

BUS 585. Business and Society. **3 hrs.**

The ethical core of managerial problems: ethics and the free market ideology; the competitive advantage of ethics-based thinking; uncovering organizational ground rules; breaking the gridlock of competing interests; three ethical conceptual "tools;" resolving conflicts between business ethics and public ethics; why organizations should have weak cultures and strong ethics; purpose, creativity, and responsibility. Extensive use of case studies and student presentations.

BUS 588. Special Topics. **3 hrs.**

A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

BUS 590. Executive Communications. **3 hrs.**

The implications and importance of clear, correct and coherent communication in the business environment. Oral presentations and writing effective letters, memos and reports.

BUS 595. Business Policy. **3 hrs.**
Capstone course, taken near the end of the program, to integrate the functional areas of accounting, finance, management and marketing. Patterned after the Harvard case method. Out-of-class reading, analysis, and study group interaction; written communication, panel discussions and oral reports. *Prerequisites:* BUS 501, 515, 520, 530, 570.

Chemistry

Dunlavy, Hamner, Holloway, Johnson

The chemistry program provides a chemical science background to meet the needs of students planning careers requiring an understanding of chemistry. General Chemistry and Principles of Chemistry are introductory courses that meet the general studies science requirement. Principles of Chemistry and Organic Chemistry provide the basis for the two degree programs offered by the department: a B.S. degree for students preparing for the chemical profession or graduate school, and a B.A. degree for those planning to teach chemistry at the secondary school level or preparing to enter professional schools in fields such as medicine and dentistry. Three years of high school mathematics and one of high school chemistry are recommended prerequisites for elementary courses, particularly Principles of Chemistry.

Requirements for a Bachelor of Science Major

40 semester hours including CHE 161, 162, 163, 164; 221, 222, 223, 224; 231, 233; 240, 242; 331, 332, 340, 360, 399, 497; chemistry elective (1-2 hours); plus CHE 315 or 415. Departmentally approved substitutes may be taken in place of certain laboratories. Required elective hours must be at the 200 level or above.

Requirements for a Bachelor of Arts Major

25 semester hours including CHE 161, 162, 163, 164; 221, 222, 223, 224; 231, 233; 497; chemistry elective (3 hours). Departmentally approved substitutes may be taken in place of certain laboratories. Required elective hours must be at the 200 level or above.

Requirements for Minor

16 hours, including CHE 161, 162, 163, 164 (or approved substitutes for 163 and 164) and a minimum of 8 hours above CHE 164.

A student in any course for which there is a corresponding laboratory must enroll in that laboratory or its approved substitute, except with approval of the department.

CHE 105. General Chemistry I. **3 hrs.**
A general studies survey course, appropriate for students in nursing, sports medicine and related fields. Lecture. *Students may not receive credit for both CHE 105-106 and labs and CHE 161-162 and labs. Corequisite:* CHE 107.

CHE 106. General Chemistry II. **3 hrs.**
Continuation of CHE 105. *Prerequisites:* CHE 105, 107. *Corequisite:* CHE 108.

CHE 107. General Chemistry I Laboratory. **1 hr.**
The laboratory for CHE 105. *Corequisite:* CHE 105.

CHE 108. General Chemistry II Laboratory. **1 hr.**
The laboratory for CHE 106. *Prerequisites:* CHE 105, 107. *Corequisite:* CHE 106.

CHE 161. Principles of Chemistry I. **3 hrs.**
Concepts and problem solving for science majors including premedicine and related fields. Lecture. *Students may not receive credit for both CHE 105-106 and labs and CHE 161-162 and labs. Corequisite:* CHE 163.

CHE 162. Principles of Chemistry II. 3 hrs.
Continuation of CHE 161. *Prerequisites: CHE 161, 163. Corequisite: CHE 164.*

CHE 163. Principles of Chemistry I Laboratory. 1 hr.
The laboratory for CHE 161. *Corequisite:* CHE 161.

CHE 164. Principles of Chemistry II Laboratory. 1 hr.
The laboratory for CHE 162. *Prerequisites:* CHE 161, 163. *Corequisite:* CHE 162.

CHE 188, 288, 388, 488. Special Topics. 1-3 hrs.
A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

CHE 221. Organic Chemistry I. 3 hrs.
Theory and practice of organic chemistry, including elements of spectroscopy. Lecture. *Prerequisites:* CHE 162, 164. *Corequisite:* CHE 223.

CHE 222. Organic Chemistry II. 3 hrs.
Continuation of CHE 221. *Prerequisites:* CHE 221, 223. *Corequisite:* CHE 224.

CHE 223. Organic Chemistry I Laboratory. 1 hr.
The laboratory for CHE 221. *Prerequisites:* CHE 162, 164. *Corequisite:* CHE 221.

CHE 224. Organic Chemistry II Laboratory. 1 hr.
The laboratory for CHE 222. *Prerequisites:* CHE 221, 223. *Corequisite:* CHE 222.

CHE 231. Quantitative Chemical Analysis. 3 hrs.
Principles and techniques of analytical chemistry with emphasis on systems in equilibrium; volumetric, gravimetric, and instrumental analyses. Includes statistical treatment of data. Lecture. *Prerequisites:* CHE 162, 164. *Corequisite:* CHE 233.

CHE 233. Quantitative Chemical Analysis Laboratory. 1 hr.
The laboratory for CHE 231. *Prerequisites:* CHE 162, 164. *Corequisite:* CHE 231.

CHE 240. Spectroscopy. 3 hrs.
Principles and techniques of common spectroscopic methods, with emphasis on problem solving. *Prerequisites:* CHE 221, 223 or permission of instructor. *Corequisite:* CHE 242.

CHE 242. Spectroscopy Laboratory. 1 hr.
The laboratory for CHE 240. *Prerequisites:* CHE 221, 223 or permission of instructor. *Corequisite:* CHE 240.

CHE 315. Intermediate Laboratory. 1 hr.
A series of laboratory exercises in synthesis, use of apparatus, and instrumental analysis. *Prerequisites:* CHE 162, 164.

CHE 331. Physical Chemistry I. 3 hrs.
Study of macroscopic chemical systems through thermodynamics and kinetics. *Prerequisites:* CHE 162, 164; MTH 162; PHY 152.

CHE 332. Physical Chemistry II. 3 hrs.
Molecular view of chemical systems originating from quantum mechanical principles including structure, spectra and dynamics. *Prerequisites:* CHE 162, 164; MTH 162; PHY 152.

CHE 340. Inorganic Chemistry. 2 hrs.
A survey of the chemistry of nonmetals and transition metals, with emphasis on covalent and coordination compounds and acid-base systems. *Prerequisites:* CHE 162, 164.

CHE 341. Advanced Chemistry. 2 hrs.
Concepts and relationships in specialized areas of chemistry. *Prerequisites:* CHE 222, 224.

CHE 350. Biochemistry. **3 hrs.**
Structure, function, and metabolism of biomolecules, with emphasis on the flow of energy. *Prerequisites:* CHE 222, 224.

CHE 355. Biochemistry Laboratory. **1 hr.**
Laboratory exercises which emphasize the techniques and theories of isolating and characterizing biologically important compounds. Techniques include spectrophotometry, chromatography, electrophoresis, high speed centrifugation, and respirometry. *Pre- or corequisite:* CHE 350 or BIO 354.

CHE 360. Specialized Chemical Analysis. **2 hrs.**
Principles and applications of the less common techniques of chemical and instrumental analyses. *Prerequisites:* CHE 231, 233, 240, 242.

CHE 399. Research. **1-2 hrs.**
Laboratory activities to acquaint the student with the process of chemical research, including literature search. *Prerequisites:* CHE 221, 223, 231, 233. *May be repeated once for credit.*

CHE 415. Advanced Laboratory. **1 hr.**
Laboratory experiments in the techniques of physical chemistry including kinetics, equipment interfacing, electronics, and surface phenomena. *Prerequisites:* CHE 331, or CHE 231, 233 and permission of instructor.

CHE 497. Seminar. **2 hrs.**
Development of scientific communication skills; oral and written presentations derived from the primary chemical literature; introduction to on-line literature search skills. *Satisfies advanced composition requirement for general studies. Prerequisite:* Senior-status chemistry major or minor.

Christian Education and Church Leadership

Carr, P. Coston, Sims-Baden

A major in Christian education and church leadership is designed to prepare students for graduate study and for full-time Christian vocations in various specialized ministries in or related to the church, including program director, director of Christian education, director of children's, youth, or adult ministries, minister of education, pastor, or church and community worker.

Students may elect a minor in Christian education and church leadership with studies in education, music, or sociology, leading to careers that combine these emphases. Students interested in exploring the possibility of church careers or in increasing their understanding for future leadership in the church as lay persons are encouraged to consider electives from CED 110, 120, 210, and 220.

Requirements for Major

32-34 semester hours, including CED 110, 120, 210, 220, 310; CED 320 or 330 or 340; CED 411, 412, 421; REL 221 or 222; REL 330 or 335; EDU 201 or PSY 235 or 236.

Requirements for Minor

15 semester hours.

CED 110. Introduction to Church Vocations. **3 hrs.**
An introduction to opportunities for Christian ministry and service vocations as an ordained elder or deacon or as a Christian lay person. Includes study of the meaning of ministry for both the ordained and the laity and opportunities and requirements for positions in church-related fields. Also includes a look at the church in the twenty-first century and its role in society. Guest speakers share their experience of ministry.

CED 120. Foundations and Curriculum. **3 hrs.**
A study of the foundations of the Christian faith in relation to the educational ministry of the church, a survey of curriculum materials, the aims of Christian education, and teaching/learning methods.

CED 188, 288, 388, 488. Special Topics. **1-3 hrs.**
A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

CED 210. Leadership in the Church. **3 hrs.**
Leadership processes in the life of the church: the implications of the concept of the church; leadership roles and group processes; goal setting and administrative procedures; structures and programming for ministries.

CED 220. The Bible in Christian Education. **3 hrs.**
The significance of the Bible for nurture in the church, in relation to the capacities and needs of all ages.

CED 310. Christian Education Theory. **3 hrs.**
The implications of theology and Christian education theory for the practice of Christian education. A survey of the Sunday School, Religious Education, Christian Education movements, leading theorists, and issues. *Prerequisite:* CED 210 or 220.

CED 320. Youth and Adult Ministries in the Church. **3 hrs.**
A study of effective structures, programs, and methods for Christian ministry with youth and adults. Understanding the needs of youth and adults, how they learn and how their faith develops. *Offered in alternate years.*

CED 330. Children's Ministries in the Church. **2 hrs.**
A study of effective structures, programs, and methods for Christian ministry and advocacy for children. Understanding the needs of children, how they learn and how their faith develops. *Offered in alternate years.*

CED 340. Outreach Ministry. **2-3 hrs.**
Application of social concern principles to the needs of persons through actual experience of volunteer service; orientation to church efforts to cooperate with social agencies; study of poverty; volunteer service.

CED 411. Senior Field Work I. **3 hrs.**
Supervised teaching and leadership experiences in a variety of church programs: church school administration, organization, and teaching; planning and leading teacher training and development workshops. *Prerequisite:* CED 310.

CED 412. Senior Field Work II. **3 hrs.**
The role of the Christian educator and multiple staff relationships; the dynamics of ministry in the local church; leadership training and development skills. *Prerequisite:* CED 310.

CED 421. Senior Seminar. **1 hr.**
Comprehensive review of Christian education theory, investigation of some current issues, and their implications for the practice of Christian education. *For majors only.*

Communication and Dramatic Arts

Ifert, Jack, Lathroum, Lee, Long, Presar, Reed

The Department of Communication and Dramatic Arts offers several related major and minor programs designed to help students achieve effective, artistic, creative, and ethical self-expression in response to their environment. Recognizing that communication is the

basis of all human interaction, the department provides communication and theatre experiences that may be helpful to all students.

Non-majors, as well as majors, are encouraged to benefit from a flexible program of courses and co-curricular activities. Students may consult with any departmental faculty to select courses which may prove most helpful in achieving individual goals.

Requirements for Communication Studies and Dramatic Arts Major

42 semester hours in addition to COM 211, including COM 110, 221, 226, 230, 320; either COM 324 or 327; DRA 120, 241; two courses from DRA 309, 310, 315, 320; either COM 325 or DRA 345; plus 9 hours of electives from communication and/or dramatic arts (except DRA 110). Students must complete four semesters of participation in C92-FM Radio or major responsibilities in West Virginia Wesleyan College Theatre, at least one semester of which must be in radio and one in theatre.

Requirements for Communication Studies Major

36 semester hours in addition to COM 211, including COM 221, 226, 230, 318, 320, 324, 325, and 327, 9 hours of electives in communication, and PSY 101. Also required are four semesters of participation in C92-FM Radio or *The Pharos* newspaper, at least two semesters of which must be in radio.

Requirements for Communication Studies Minor

15 semester hours in addition to COM 211, including COM 221, 226, 230, 320, 327; two semesters of participation in C92-FM Radio or *The Pharos* newspaper, at least one semester of which must be in radio.

Requirements for Dramatic Arts Major

40 semester hours, including DRA 120, 210, 241, 325, 345; one hour of DRA 395; COM 110; three of the following: DRA 309, 310, 315, 320; and 12 hours selected from ENG 350 and the remaining dramatic arts courses (except DRA 110). Students must complete major responsibilities in at least four major West Virginia Wesleyan College Theatre productions.

Requirements for Dramatic Arts Minor

15 semester hours, including DRA 120 or 210, 241; two courses selected from DRA 309, 310, 315, 320; 3 additional hours in dramatic arts (except DRA 110). Students must complete major responsibilities in at least two major West Virginia Wesleyan College Theatre productions.

Requirements for Public Relations Major

37 semester hours in addition to COM 211, including COM 230, 235, 318, 320, 327, 340, 342, 345, 496; BUS 160, 345; and ENG 215. *This major may not be combined with a communication studies major or minor or a media studies minor.*

Requirements for Media Studies Minor

17 semester hours in addition to COM 211, including COM 139, 230, 235, 239, 325, 340 and ENG 215; two semesters of participation with major responsibilities in C92-FM or *The Pharos* or equivalent, one of which must be in broadcasting. *This minor may not be combined with either a communication studies or public relations major.*

Communication

Courses and co-curricular activities offered in communication are designed to provide theory and experiences in all aspects of interpersonal and audience-oriented interactions, media, and public relations. Students will be provided a broad background on which to base graduate study in areas such as communication, organizational behavior, or public relations. Others may develop

the knowledge and skills necessary for careers in communication, business, public relations, media, or service-oriented fields.

COM 110. Voice and Interpretation. **3 hrs.**
An introduction to the vocal mechanism and sound production and the use of the voice for the effective interpretation of various kinds of written material. Students will develop their ability to speak dynamically with meaning. Especially recommended for students interested in improving their vocal performance.

COM 121. Intercultural Communication. **3 hrs.**
A theoretical and practical survey of the interpersonal and intrapersonal dimensions of communication between co-cultures in the United States. Examination of the distinctive cultural orientations, behaviors, expectations, and values that affect our ability to communicate effectively with people from diverse cultures and co-cultures. *Offered in January Term.*

COM 139. Introduction to Radio Broadcasting. **1 hr.**
The student will conduct an independent study, under the organizational direction of the instructor, on a radio project of his or her own design. Students are also encouraged to become regular staff members of the College radio station, C92-FM, and may, if they choose, present their project over the air late in the semester. *Prerequisite:* Instructor's permission.

COM 188, 288, 388, 488. Special Topics. **1-3 hrs.**
A course or seminar on selected topic within the discipline that is not otherwise represented in the curriculum.

COM 211. Fundamentals of Oral Communication. **3 hrs.**
An introduction to the fundamental concepts involved in any communication situation. Contemporary theories in intrapersonal, interpersonal, small group, organizational, public address, and mass communication will be studied. Practical communication experience will be provided through classroom exercises, projects and speeches. *Students are required to earn a C or better in this course in order to graduate. Prerequisite:* ENG 102 or instructor's approval.

COM 215. Public Speaking. **3 hrs.**
The advanced study of preparation and delivery techniques for public speeches. Students will research and organize several types of speeches and present them using a variety of delivery styles. *Prerequisite:* COM 211. *Offered fall semester, even years.*

COM 221. Interpersonal Communication. **3 hrs.**
A study of the situational and developmental views in building interpersonal communication and its influence in the enhancement, maintenance, and/or deterioration of relationships. Students will explore interpersonal communication theories, styles, competence levels and coding structures. Emphasis will also be given to various relational contexts, functions and patterns. *Prerequisite:* COM 211 or permission of instructor. *Offered spring semester.*

COM 226. Public Address. **3 hrs.**
An analysis of public discourse emphasizing characteristics of the audience and speaking occasion as well as uses of argument and language. Contemporary rhetorical theories will be discussed as means of evaluating public discourse. *Prerequisite:* COM 211. *Offered fall semester.*

COM 230. Introduction to Media Studies. **3 hrs.**
The historical development of mass media, including print, radio, television and film, will be examined. Government and other control, FCC laws, ethics and responsibility, and the effects of the mass media on our society and the future will be discussed. *Offered fall semester.*

COM 235. Basic Video Production. **3 hrs.**
Students will be trained in basic video production techniques. Emphasis will be on video message and image design, mastery of the camera and location shooting, lighting and sound production, editing techniques, and post-production. *Prerequisites:* COM 211 and instructor's permission. *Offered spring semester.*

COM 239. Broadcasting Practicum. **1 hr.**

The student will complete an independent study, under the guidance of the instructor, on an advanced project in radio or video research and production. Each student will be responsible for the "pitch," design, and implementation of his or her own original project. *Prerequisites:* COM 139, 230, and instructor's permission. *May be repeated for a total of six hours of credit.*

COM 318. Communication Research Methods. **3 hrs.**

Introduction to communication research design and experimental, survey, field, and ethnographic methodologies. Students will analyze and critique theory and research bases in published studies and prepare an original research paper. *Prerequisite:* Junior with at least 12 hours in communication or permission of instructor. *Offered fall semester.*

COM 320. Small Group Communication. **3 hrs.**

A study of communication in small groups with a balance between theories of small group communication and practical procedures and techniques for improving the functioning of groups. *Prerequisite:* COM 211 or permission of instructor. *Offered spring semester.*

COM 324. Communication Theory. **3 hrs.**

Examination of the history, nature and purpose of communication theory, including predominant current theories in rhetoric and interpersonal, small group, mass, and organizational communication and the role of communication theory in allied areas, such as health, law, family communication, international relations, and conflict resolution. *Prerequisite:* Junior with at least 12 hours in communication or permission of instructor. *Offered fall semester, odd years.*

COM 325. Seminar in Communication. **3 hrs.**

A seminar designed to study advanced concepts in communication theory. Special topics not covered in the regular course offerings will be discussed. *Satisfies advanced composition requirement for general studies. Prerequisite:* Junior or senior with at least 12 hours in communication or instructor's permission. *Offered spring semester, odd years.*

COM 327. Persuasion. **3 hrs.**

A study of public reasoning and argumentation theory. Introduction to motivational appeals and social scientific approaches to creating and evaluating persuasive messages. *Prerequisite:* COM 211. *Offered spring semester.*

COM 329. Organizational Communication. **3 hrs.**

A survey of organizational structure and the impact an organization's design and operation have on its communication processes. Exploration of organizational communication theory and research with emphasis on preparing students to function effectively in formal organizations' dynamic communication systems and to solve problems involving the interactions of people and messages in organizations. *Prerequisite:* COM 211. *Offered fall semester, odd years.*

COM 340. Public Relations Principles and Practice. **3 hrs.**

Introduction to the principles, processes, history, and practice of public relations. Students will learn the nature of public opinion, the application of problem-solving process to case studies, and the use of persuasion and marketing skills in public relations practice. *Prerequisite:* COM 211. *Offered fall semester.*

COM 342. Public Relations Writing. **4 hrs.**

Advanced study of the selection and development of public relations writing tools. Emphasis will be on competence in grammar, spelling, and punctuation and choosing the most appropriate medium for the communication task. Emphasis will also be placed on developing the writing tools necessary for application in individual and personal communications, publications, and the mass media. *Satisfies advanced composition requirement for general studies. Prerequisite:* COM 340. *Offered spring semester.*

COM 345. Publication Design, Layout, and Production. **3 hrs.**

Practical introduction to the use of a desktop computer and pagination software for the creation of public relations publications, including newsletters, news releases, brochures, pamphlets, and catalogs. *Prerequisite:* ENG 215. *Offered spring semester, even years.*

COM 495. Communication Studies Internship. **3 hrs.**

A professional field placement for senior communication studies majors. A semester-long working and learning experience in an approved agency or business where the student can observe, analyze, and apply communication studies concepts. Students design and operate under a contract with both a field supervisor and the instructor. Some class meetings required. *Prerequisite:* Consent of the instructor. *Offered every semester.*

COM 496. Public Relations Internship. **3 hrs.**

A professional field placement for senior public relations majors. A semester-long working and learning experience in an approved agency or business where the student can observe, analyze, and apply public relations concepts. Students design and operate under a contract with both a faculty and field supervisor. Some class meetings required. *Prerequisite:* Consent of the instructor.

DRAMATIC ARTS

Courses and co-curricular activities offered in dramatic arts are designed to provide experiences in all aspects of theatre. Students majoring in the discipline are provided a background on which to base specialized graduate or professional study or direct community and organizational theatre activities. Courses and activities are open to all students who wish to nurture their appreciation for the aesthetic in theatre, and/or seek knowledge and skills applicable to education, religious and service-oriented occupations and avocational involvement in community theatre.

DRA 101. Theatre Practicum. **1 hr.**

Intensive practice in the various aspects of theatre production: acting; design, building and painting scenery and properties; lighting design and execution; costume design and construction; make-up design and application; box office and promotion procedures; children's theatre; technical direction; and stage or theatre management. Students may accomplish their goals through active commitment to West Virginia Wesleyan College Theatre or Reader's Theatre productions or through practicum arranged with department faculty member. *Prerequisite:* Consent of the director or technical director of the theatre. *May be repeated for a total of six hours of credit.*

DRA 110. Introduction to Dramatic Arts. **3 hrs.**

An introduction to the theatre through a survey of its history, literature, and the various artists involved in the creation and production of a play. Lectures, reading, and discussion will be used to investigate the subject matter. *Does not count toward a major or minor in dramatic arts or a major in communication studies and dramatic arts.*

DRA 120. Stagecraft. **3 hrs.**

A course dealing with the basic tools, equipment, construction techniques and painting methods found in the theatre. The building of properties and the movement of scenery will also be explored. *Prerequisite:* Major or minor in the department. *Offered spring semester, even years.*

DRA 130. Stage Makeup and Costuming. **3 hrs.**

A survey of makeup and costumes for the theatre. Students will investigate the principles, techniques, and materials of stage makeup through practical experience in their application. They will examine the materials, equipment, and techniques necessary to dress an actor for a theatrical production. *Prerequisite:* Major or minor in the department. *Offered spring semester, even years.*

DRA 188, 288, 388, 488. Special Topics. **1-3 hrs.**
A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

DRA 210. Design for the Stage. **3 hrs.**
A survey of theatre production theories and techniques. The course includes problems with costuming, makeup, lighting, sound, scenery, properties, theatre management and theatre architecture. *Offered fall semester, odd years.*

DRA 220. Scene Design. **3 hrs.**
A combined lecture and laboratory course in contemporary theatre methods of scene design. The student will develop a number of designs along with investigating past and present theories of design. *Prerequisites:* DRA 120, 210. *Offered spring semester, even years.*

DRA 230. Lighting. **3 hrs.**
A course dealing with the basic techniques of lighting for the stage, designed to help students acquire competence in creating workable lighting effects for school, church, and community theatres. *Prerequisites:* DRA 120, 210. *Offered spring semester, odd years.*

DRA 241. Acting I. **3 hrs.**
An introduction to the craft of acting with emphasis on developing skills in relaxation, concentration, imagination, improvisation, and scene study.

DRA 242. Acting II. **3 hrs.**
Continuation of Acting I that focuses on advanced scene study and the creation of character. Assignments will be made from both classical and contemporary material. *Prerequisites:* DRA 241 and consent of instructor.

DRA 250. Stage Management. **3 hrs.**
A course dealing with the basic principles and skills of stage management. Emphasis on organizing, scheduling, and running a theatrical production from pre-production to closing night. Development of techniques and skills in personnel management, organizational communication, technical theatre, and performance as they relate to mounting a theatrical production. *Prerequisites:* Six hours in dramatic arts above DRA 110 or permission of instructor. DRA 120 is highly recommended.

DRA 309. History of the Theatre I. **3 hrs.**
A comprehensive study of the literature and history of the theatre from primitive man through Elizabethan England. Lectures and discussion concerning plays and historical background. *Offered fall semester, even years.*

DRA 310. History of the Theatre II. **3 hrs.**
A comprehensive study of the literature and history of the theatre from Elizabethan England through Romanticism. Lectures and discussions concerning plays and historical background. *Offered spring semester, odd years.*

DRA 315. Modern Drama. **3 hrs.**
A comprehensive study of the literature and history of the theatre from Romanticism through World War I. Lectures and discussions concerning plays and historical background. *Offered fall semester, odd years.*

DRA 320. Contemporary Drama. **3 hrs.**
A survey of the significant events, theories, plays and personalities that have contributed to the development of the contemporary theatre in America, Britain, and Europe. *Offered spring semester, even years.*

DRA 325. Directing. **3 hrs.**
Advanced study in the theory and practice of directing for the theatre, including selection of material, organization of rehearsals, script analysis, casting, staging, and working with actors.

Students will be expected to direct a substantial scene or one-act play as a final project. *Prerequisites:* DRA 210, 241.

DRA 340. Drama for Youth. 3 hrs.

An examination of drama as a tool for aesthetic, emotional, ethical, and social development in young people. The principles governing the production of appropriate plays are examined, dramatic literature for youth is surveyed, and students gain experience in leading dramatic activities with young people. This course is especially recommended to individuals who intend to work with children and young people in schools, churches, and other settings. *Offered spring semester, odd years.*

DRA 345. Literary Criticism and Dramatic Arts. 3 hrs.

A study of various critical approaches to the theatre, from the Greeks through contemporary critics. Evaluation and application of these approaches to dramatic literature and performance of various periods. *Satisfies advanced composition requirement for general studies. Prerequisite:* Minimum of 20 hs in dramatic arts or consent of instructor. *Offered spring semester, even years.*

DRA 395. Senior Internship. 1-3 hrs.

Professional or semi-professional experience in theatrical production for dramatic arts majors. Students will be assigned significant responsibilities determined by their needs and capabilities and the needs of the sponsoring organization. *Prerequisite:* Permission of the faculty.

COMPUTER SCIENCE

Clemens, Lynn

The computer science program at Wesleyan is designed to provide the student with a broad background suitable as a basis for continued studies in graduate school or employment in the computer industry or in business. Students may specialize in hardware, software, or application areas and complete their senior project in their area of interest.

Graduates who major in computer science at Wesleyan will be able to (1) discuss the significant events in the history of the computer's development; (2) set up and install hardware and peripherals; (3) evaluate, install, and use software packages; (4) demonstrate how to use current operating systems/shells/GUIs and utilities; (5) discuss ethical and legal responsibilities of computer professionals and the privacy issue; (6) demonstrate programming proficiency in a high-level language; (7) demonstrate knowledge of a low-level language that reflects the architecture of a microprocessor; (8) set up the hardware, install software, and maintain a local area computer network and access wide-area networks; (9) analyze a problem, design a solution, and debug the solution; and (10) help non-technical users operate computers and run software.

Requirements for Computer Science Major

46-57 semester hours, including CSC 140, 150, 210, 220, 310, 320, 330, 395, 498, 499; MTH 161, 162; three courses from CSC 340, 350, 410, 388 (388 may be repeated); one course from MTH 240, 310, 330.

The department recommends that computer science majors take PHL 201 (Logic) and a foreign language, both of which may fulfill general studies requirements.

Requirements for Computer Information Science Major

40 semester hours, including MTH 110; CSC 140, 150, 210, 220, 250, 498, 499; BUS 111, 112, 201, 221; one course from CSC 310, 320, 330, 350, 388; one business course at the 300 level or above.

Requirements for Computer Science Minor

15 semester hours, including CSC 140, 150, 210, 220, and one course from CSC 310, 320, 330, 350, 388.

CSC 101. Computer Literacy. 3 hrs.
Introduction to computers on the Wesleyan campus and the software that is available. Topics include Windows; word processing, spreadsheet, and database programs; e-mail; and methods to access remote machines and databases.

CSC 130. Computers and Technology in Education. 3 hrs.
An introduction to computer-aided instruction techniques. Technologies include software packages, hardware, multimedia presentation equipment, communication tools and the Internet. Students will explore the pedagogy of cooperative learning as it relates to the technology-equipped classroom environment and gain exposure to social issues related to technology in the classroom, history of computers and classroom technology, and computer jargon. *Enrollment limited to education majors.*

CSC 140. Computer Science Essentials. 3 hrs.
A first course for computer science majors covering hardware and software aspects of currently available computer systems. Hardware topics include setting up a computer system, installing and trouble-shooting boards, memory, disk drives and peripheral devices. Software topics include commands to interact with operating system user interfaces, use of application-based software packages, electronic mail, and methods to access remote systems and databases. *Usually offered every fall semester.*

CSC 150. Computer Science as a Discipline. 3 hrs.
An introduction to a variety of topics within the realm of computer science. Topics include algorithms, history of computers, ethical considerations, data representations, assemblers and compilers, machine architecture, logic gates, operating systems, theory, artificial intelligence, networks, and databases. *Prerequisite:* CSC 140. *Usually offered every spring semester.*

CSC 188, 288, 388, 488. Special Topics. 1-3 hrs.
Topics that are timely and worthy of exploration. Offerings may consist of but are not limited to CAD, Software Engineering, Artificial Intelligence, Advanced Networking, Simulation, Theory of Computing, Digitization of Video and Voice, Parallel Computing. *May be repeated for credit.*

CSC 210. Preprogramming. 3 hrs.
An introduction to the skills needed for computer programming, including problem-solving methods, how to follow, design, and modify an algorithm, as well as current software development methodologies such as top-down and bottom-up strategies. Algorithms will be implemented in a user-friendly computer. *Usually offered every fall semester.*

CSC 220. Programming. 3 hrs.
A course covering the basic features of the object-oriented C++ programming language. Topics include data types, declarations, input/output, assignment statements, arithmetic, ifs, loops, methods/functions, pointers, strings, files, bits, dynamic allocation, and structures. *Prerequisite:* CSC 210 or previous programming experience or satisfactory performance on readiness test. *Usually offered every spring semester.*

CSC 240. Introduction to BASIC. 3 hrs.
The BASIC programming language is introduced and used in applications from many areas. Windows-based applications will be developed using Visual BASIC. *Prerequisite:* Satisfactory performance on a readiness test given during the first class session or CSC 210. *Usually offered every spring semester.*

CSC 250. Management of Information Systems. 3 hrs.
An overview of skills required to manage information systems from a business administration standpoint. Topics include effective communication and documentation, executive users and

information systems, decision support systems, and resource planning. *Usually offered every semester.*

CSC 310. Advanced Programming. **3 hrs.**

An object-oriented approach to data structures and algorithm analysis. Topics include advanced features of C++, stacks, queues, sorts and trees as well as time and space analysis. *Prerequisite:* CSC 220. *Usually offered every fall semester.*

CSC 320. Assembly Language/Microprocessor Architecture. **3 hrs.**

A study of the details of a computer at the machine level. The student will learn an assembly language and use it to investigate the architecture of a particular microprocessor. Much of the work will be project-oriented. *Prerequisites:* CSC 150, 220; PHY 260. *Usually offered spring semester, odd years.*

CSC 330. Computer Networks. **3 hrs.**

A study of different types of computer networks—their strengths and weaknesses. Topics include selection of network software and hardware as well as an overview of communication protocols and parallel computers. Part of the course will include hands-on activities installing, maintaining, and fine-tuning a computer network. *Prerequisite:* CSC 220. *Usually offered spring semester, even years.*

CSC 340. Operating Systems. **3 hrs.**

Organization of computer systems supporting a wide variety of users. Topics include process communication using semaphores and mailboxes, deadlocks, multiprogramming, scheduling algorithms, memory management, file system design and management. *Prerequisite:* CSC 310. *Usually offered spring semester, odd years.*

CSC 350. Database Management Systems. **3 hrs.**

Comparison of hierarchical, network, and relational database designs; coverage of implementation and security issues; in-depth study of a particular database package. *Prerequisite:* CSC 140 or 250. *Usually offered spring semester, even years.*

CSC 395. Computer Science Internship. **1-12 hrs.**

An opportunity to work with end users and explain technical ideas to non-technical people in terms that can be understood—preparation for a vast number of computer jobs dealing with the public. May be fulfilled by an outside placement, by tutoring in the computer lab, or by working for the computer center. *Prerequisite:* Major or minor in computer science department or consent of instructor. *Usually offered every semester.*

CSC 410. Organization of Programming Languages. **3 hrs.**

Formal analysis and comparison of computer programming languages. Topics include information binding, scope rules, execution environments, control structures, data abstraction, imperative, declarative, functional and visual languages. *Prerequisite:* CSC 310. *Usually offered spring semester, even years.*

CSC 498. Senior Project I. **3 hrs.**

An in-depth project designed and implemented by the student demonstrating both research and programming skills. *In combination with* CSC 499, *satisfies advanced composition requirement for general studies. Prerequisite:* Major in computer science. *Usually offered every fall semester.*

CSC 499. Senior Project II. **1 hr.**

Presentation of the senior project to interested faculty and upper-division math, engineering, and computer science students. *In combination with* CSC 498, *satisfies advanced composition requirement for general studies. Prerequisite:* CSC 498. *Usually offered every spring semester.*

Developmental

Developmental offerings are designed to assist students to improve their academic and planning skills so they may become more effective college students and lifelong learners. *A maximum of seven developmental course credits may count toward graduation.*

DEV 005. College Study Strategies. 2 hrs.

A course designed to teach students skills and strategies to become independent learners. Using classroom and lab settings, the course deals with areas such as understanding and learning from textbooks and lectures; effective techniques of preparing for exams; time management; the roles of motivation, interest and learning styles; and improving comprehension, vocabulary, reading rate, visual thinking and memory. *Not open to seniors. Students may not receive credit for both DEV 005 and DEV 006.*

DEV 006. Techniques of Study. 1 hr.

An introductory half-semester course designed to help students develop study skills and a systematic approach to learning. *Students may not receive credit for both DEV 006 and DEV 005.*

DEV 007. Techniques of Reading. 1 hr.

A half-semester course to develop strategies that enhance understanding and remembering written material with an emphasis on practice to develop an effective and flexible reading rate.

DEV 008. Reading and Study Development Laboratory Practicum. 1-2 hrs.

An individualized program or small group experience. Students can work independently to build skills in studying, reading, writing, math or to prepare for graduate school exams. Group sessions deal with personal computers, test taking, time management, visual thinking, writing techniques. *Prerequisite:* DEV 005, 006 or 007 or permission from a Learning Center staff member for individualized programs; none for group sessions.

DEV 030. Career Planning. 1 hr.

A course designed primarily for "undecided" students. Participants identify and evaluate their interests, skills, and career options through a series of interactive exercises and guided workshops. *Pass/Fail grading. Open only to freshmen and sophomores.*

DEV 050. Basic Library Skills. 1 hr.

Familiarization with the facilities and services of the West Virginia Wesleyan College Library. Introduction to selected basic reference sources through a series of exercises, each dealing with a specific type of source. A self-paced course useful to all students. *Pass/Fail grading.*

DEV 060. Developmental College Mathematics. 3 hrs.

The arithmetic of whole numbers, fractions, and decimals. Ratio and proportions, percents and applications of both. Conversions within the English and metric systems. An introduction to measurements, simple graph interpretation and geometry; exponents and radicals. Emphasis throughout on calculations, applications, and problem-solving techniques. *Prerequisite:* Official placement. *Usually offered every semester.*

DEV 062. Developmental Algebra. 3 hrs.

Signed numbers; linear equations and inequalities in one and two variables; the four binary operations on polynomials; factoring, fractions and fractional equations, exponents and radicals, literal equations and formula solving; the construction of graphs; an introduction to quadratic equations. Emphasis throughout on applications and problem-solving techniques. *Prerequisite:* DEV 060 or official placement. *Usually offered every semester.*

Divisional

Courses listed as divisional are either interdisciplinary, multidisciplinary or do not fit within the departmental structure of the College.

DIV 101. Introduction to the Humanities. **3 hrs.**
Exploration of major works in the arts and humanities recognized as perennially significant expressions of human creativity and insight. Within the general studies program this course focuses on Western foundations of our heritage, building a common basis for subsequent college studies. The course is taught by faculty from various disciplines and emphasizes interpretation of primary works through group discussion. *Must be taken during the freshman or sophomore year. Prerequisite:* ENG 101.

DIV 115. Freshman Seminar. **1 hr.**
An eight-week, two-part course designed to assist students in the transition from high school to college. Weekly small group discussions help students clarify academic expectations of college and establish appropriate personal educational goals; specific course content varies from group to group. During a second weekly session each student receives laptop computer training at the appropriate level as determined by a self assessment completed during orientation. *Pass/Fail grading. Meets two hours per week.*

DIV 121. Social Science for Education. **3 hrs.**
Introduction to the perspective, basic ideas and tools of the social sciences. Specific social issues analyzed using an approach which integrates data and perspectives of history, geography, anthropology, psychology, sociology, economics and political science. *Enrollment limited to elementary education majors.*

DIV 141. World Geography. **3 hrs.**
An introductory study of world regions focusing on individual countries and areas. Course content draws on physical and cultural elements that assist the student in interpreting the living conditions and actions of humankind in diverse parts of the world.

DIV 188, 288, 388, 488. Special Topics. **1-3 hrs.**
A course or seminar on a selected topic that is not otherwise represented in the curriculum.

DIV 210. Literature for Children. **3 hrs.**
A survey of children's literature designed for teachers and librarians in elementary schools. Evaluation, selection and use of books and related materials for children. *Required for elementary teacher education. Prerequisite:* EDU 201. *Does not count toward general studies.*

DIV 310. Honors Seminar. **1 hr.**
Weekly discussion of current events topics. Students will submit a brief paper and make a brief oral presentation each week. A common learning experience for Honors students from all disciplines. *Prerequisite:* Honors student or 3.5 GPA. *May be repeated for credit.*

DIV 405. Job Search for Seniors. **1 hr.**
Seniors prepare to "market" themselves through the development of applied skills in resume and cover letter writing and job search techniques. Intensive interviewing practice includes videotaped interviews for self-critique.

Dramatic Arts

See Communication and Dramatic Arts for description of major and minor programs.

Economics

Ahlseen, Nair

The economics major provides a solid understanding of the principles of economics and their applications. The major is designed to meet the needs of students seeking to become economists as well as those desiring to apply economic theory to a wide range of endeavors such as business, finance, government, and law. The curriculum emphasizes the development of critical thinking skills and mathematical tools of analysis.

Requirements for Major

25 semester hours, including ECO 110, 120, 121, 201, 211, 341, and 9 hours of electives from ECO 221, 310, 331, 351, 361.

Requirements for Minor

15 semester hours, including ECO 110, 120, and 121.

ECO 110. Principles of Macroeconomics. 3 hrs.
A general introduction to macroeconomics. Particular attention is given to use of basic tools of economic analysis and their application to the major sectors of the economy and to theoretical models describing the interrelationships of consumption, investment, government spending and taxation, and imports and exports. *Prerequisite:* Any 100-level math course except MTH 150 or placement in MTH 161.

ECO 120. Principles of Microeconomics. 3 hrs.
A general introduction to microeconomics. Particular attention is given to the use of basic tools of economic analysis and their application to groups of individuals within an economy and to theoretical models describing the interrelationships of the utility-maximizing behavior of consumers and the profit-maximizing behavior of producers. *Prerequisites:* Any 100-level math course except MTH 150 or placement in MTH 161, CSC 101 or 130.

ECO 121. Principles of Microeconomics Laboratory. 1 hr.
Creation and experimentation with economic forces in a laboratory setting, with particular attention to application and testing of economic theory within the framework of a dynamic simulation. Concurrent enrollment in ECO 120 is recommended but not required.

ECO 188, 288, 388, 488. Special Topics. 1-3 hrs.
A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

ECO 201. Macroeconomic Theory. 3 hrs.
A study of modern income and employment theory. Analysis of the determinants of such aggregate economic magnitudes as national income, employment, price level, etc. *Prerequisites:* ECO 110, 120.

ECO 211. Microeconomic Theory. 3 hrs.
A theoretical analysis of the principles of pricing in commodity markets under different market structures such as perfect competition, monopoly, monopolistic competition, and oligopoly. Examination of utility, demand, production, cost, and supply functions. *Prerequisites:* ECO 110, 120.

ECO 221. Money and Banking. 3 hrs.
A study of the money and credit aspects of a money economy, especially of the U.S. economy; of monetary theories and the problems of monetary policy. *Prerequisites:* ECO 110, 120.

ECO 310. Introduction to Game Theory. 3 hrs.
An introduction to game theory and decision making. Emphasis is placed on determining possible strategies and payoffs to agents involved in decision making where the decision of one agent affects the payoff to another agent.

ECO 331. International Economics. **3 hrs.**
An analysis of the various models of international trade theory and of the forces and institutions affecting the economic relations of modern nations. Attention is given to the problems of international movements of goods and productive factors, to the foreign economic policies of the United States, and to world monetary problems. *Prerequisites:* ECO 110, 120.

ECO 341. Principles of Econometrics. **3 hrs.**
An application of statistical methods and regression analysis to economic data. Students will learn to analyze economic data in time series and panel data settings and to account for and correct statistical abnormalities particular to economic data. *Prerequisite:* BUS 201 or any introductory statistics course.

ECO 351. Mathematical Economics. **3 hrs.**
An application of derivatives and integrals to economic problems. Emphasis is placed on translating intuitive economic problems into explicit mathematical problems and employing calculus to find optimal solutions to them. *Prerequisite:* MTH 161.

ECO 361. Public Sector Economics. **3 hrs.**
Outline of the major fiscal systems. Budgets, sources of revenue, expenditures. Problems of assessment, tax collection, public debt. Modern theories and practice of public finance. *Prerequisites:* ECO 110, 120.

EDUCATION

Fortney, Jones, Kean, C. Mallory, C. Miller, L. Rupp, Williams

Wesleyan's teacher education program is approved by the West Virginia Department of Education and the National Council for Accreditation of Teacher Education. It is designed to prepare elementary and secondary classroom teachers who are active learners and decision makers. Their competence as entry-level teachers derives from thorough preparation in their teaching field(s) and from mastery of professional skills appropriate to the level at which they choose to teach. These are complemented by an appreciation for the breadth and richness of culture and a respect for the dignity, diversity, and worth of individuals, both of which are fundamental to a Wesleyan education.

The professional component of the teacher education program includes both course work and field experiences organized around five areas of general concern: instruction and learning; professional, personal, and ethical roles; cultural, social, and school/classroom contexts; individual differences/diversity; and evaluation and decision-making. Public schools in Upshur, Lewis, Harrison, and Randolph counties provide the settings for directed observation and teaching. (Students are responsible for their own transportation during all field exercises and field experiences.)

Graduates of Wesleyan's teacher education program qualify for professional licensure in West Virginia and in most other states. Some states may require limited additional work before a candidate educated out-of-state may be eligible for permanent professional licensure. Because the teacher education program demands very careful coordination of academic, professional, and field instruction, students are encouraged to seek early advising from a member of the education faculty.

Requirements for Major

128 semester hours, including completion of the College's general studies program, carefully coordinated with specific requirements within the appropriate professional education track; formal admission to the teacher education program; maintenance of a cumulative grade point average of 2.5 or above after admission to the teacher education program on all college work and a cumulative grade point average of 2.5 or

above in all course work in each teaching specialization; completion of each education (EDU/SPE) course with a grade of C or above; and completion of one of the prescribed professional education sequences described below appropriate to elementary teaching (K-6), secondary teaching (9-12 or 5-12, depending upon the field or fields), or combined education (K-12, available in art, music, physical education, physical education/health, and physical education/health/athletic training).

Minors Available to Education Majors

Students majoring in elementary education may declare optional endorsements, listed below under Elementary Education, as minors for purposes of notation on the permanent record. Those completing a program in secondary education may declare their teaching fields as minors. Students in both programs are free to select an optional minor in any discipline offered at the College.

Requirements for (Non-Certification) Minor

15 semester hours in education approved by the department chair including EDU 101, 201, and SPE 230. The minor may include methods courses offered through other departments. *This minor is available only to students with an interest in the field of education who do not intend to seek licensure.*

Admission to the Teacher Education Program

Students may apply for admission to the teacher education program after completion of 45 credit hours of college work; however, they must be admitted prior to enrollment in 300-level EDU/SPE courses. Minimal requirements for admission include

1. 45 semester hours of college work in courses at the 100 level or above.
2. A cumulative grade point average of 2.5 or above in courses at the 100 level or above and a cumulative grade point average of 2.5 or above in each teaching field.
3. Completion of each education (EDU/SPE) course with a grade of C or above, and completion of EDU 101, 201, ENG 102 and COM 211 with a grade of C or above.
4. Successful completion of all sections of Praxis I.
5. Submission of two letters of recommendation from faculty members outside the Department of Education.
6. Submission of an autobiographical statement.
7. Evidence of a current, negative T.B. test.

Admission is not automatic for students who meet these minimal requirements. Rather, the Teacher Education Committee will use these data to make an informed professional judgment about the academic and personal suitability of the candidate for the teaching profession. Faculty challenges or evidence of character or personality deficiencies will be considered.

Once a student is admitted to the teacher education program, he or she must maintain a cumulative grade point average of 2.5 or above on all college work and a cumulative grade point average of 2.5 or above in each teaching field. The student is required to earn a C or above in each education course before proceeding in the program, and he or she must be free of substantiated challenges to his or her character or suitability to the teaching profession.

A comprehensive review of each student's performance and progress in the teacher education program is undertaken again before permission is granted to enroll in the professional semester, which includes student teaching and a professional seminar. Students who have completed a minimum of 96 credit hours of college work and have met all prerequisites, including formal presentation of their portfolios to the education faculty, may elect to apply for enrollment in the professional semester either in the fall or spring semester of the senior year.

Students who plan to enroll in the professional semester must make application to the Teacher Education Committee. For spring placements, all application materials must be in the Department of Education by the first Monday in October. For fall placements, all application materials must be in the Department of Education by the first Monday in March.

Students may challenge action taken during any phase of the admission or review process by appearing before an appeal committee appointed by the Dean of the College. Requests for such a challenge must be submitted in writing to the chairperson of the Department of Education. Action by the appeal committee will be final.

REQUIREMENTS FOR LICENSURE (CERTIFICATION)

Each student must make formal application for a professional license (teacher's certificate) on forms supplied by the state department of education in the state where licensure is desired. It is recommended that all successful teacher education students apply for West Virginia licensure immediately upon graduation, since licensure in other states *may* require a West Virginia license. Allow eight to ten weeks for processing of the application, which should be submitted through the Registrar's Office.

Licensure in West Virginia requires successful completion of the Praxis II tests (NTE). Students are encouraged to work closely with licensure agencies within the states in which they plan to teach. West Virginia licensure requires U.S. citizenship.

PRESCRIBED PROFESSIONAL EDUCATION SEQUENCES

Elementary Education (K-6)

EDU 101, 201, 205, 210, 211, 240, 260, 305, 310, 315, 360, 361 (or SPE 330 and 350 as applicable), 463 (or SPE 465 as applicable), 470 (or 472 as applicable), 476 (or SPE 473 as applicable); SPE 230; ART 215*; BIO 140* and either 120* or 130*; CSC 130*; DIV 121, 141*, 210; HST 101*, 122*; MUS 217*; PED 201*, 352; PHS 110; PHY 103; one course from COM 121*, ENG 245*, HST 267* or 268*, HST/SOC 243*, SOC 305*; a 3-hour literature course*, a 100-level or higher math course*. **May also apply toward satisfying general studies requirements.*

Students may wish to add one of the following optional endorsements as a means of enhancing employment opportunities:

MATHEMATICS (5-8): CSC 130; DEV 060*, 062*; MTH 110*, 120*, 130*, 140, 150, 161, 162, 180, 240, 250; EDU 370 (44 hours total*). **Depending upon official placement.*

PHYSICAL EDUCATION (5-8): PED 101 (swimming), 101 (tumbling-gymnastics), 140, 150, 219, 220, 251, 252, 320, 345, 352 (30 hours total plus swimming proficiency).

SOCIAL STUDIES (5-8): DIV 121, 141; ECO 120; HST 101, 102, 121, 122, 239, 261; PSC 101; SOC 110; EDU 370 (36 hours total).

SPECIFIC LEARNING DISABILITIES (Grade levels are commensurate with student's first teaching field.): SPE 230, 330, 340, 345, 350, 465, 473 (22 hours total).

Secondary Education (9-12 or 5-12, depending on the teaching field or fields)

Endorsement in specific teaching fields must conform to state licensure standards, which are subject to change. Students are urged to work closely with an advisor on the education faculty in order to meet all current requirements.

1 Professional education core: EDU 101, 201, 206, 250, 306, 364, 365, 370 (where applicable); SPE 230.

2 Professional semester courses: EDU 464, 471 (or 472 as applicable), 474 (or 475 as applicable).

3 Selection of courses to satisfy general studies requirements to include CSC 130, PED 130 or 201, HST 102 or 122, one course from COM 121, ENG 245, HST 267 or 268, HST/SOC 243, SOC 305; a 3-hour literature course.

4 Selection of one of the secondary teaching fields from the following list.

ART (5-12): ART 101, 111, 121, 201 or 220, 211, 215, 241, 242, 246, 260, 315, 330 (36 hours total).

BIOLOGY (9-12): BIO 160, 220 or 360, 250, 252, 254, 310, 312 or 316, 342, 344, 354; CHE 161, 162, 163, 164; PHY 151, 152; 3 hours of geology (by special arrangement); MTH 130; EDU 370 (61 hours total).

CHEMISTRY (9-12): CHE 161, 162, 163, 164, 221, 222, 223, 224, 231, 233, 240, 242, 331 or 332, 350; a 2-hour chemistry elective; BIO 160, 250; PHY 151, 152; 3 hours of geology (by special arrangement); MTH 161; EDU 370 (58 hours total).

ENGLISH (5-12): ENG 101*, 102, 235, 237, 240, 245 or 248 or 275, 250, 260, 319, 320, 350, 351 or 353, 370, 420, one additional writing course; one additional literature course; COM 211; EDU 250, 370 (51-54 hours total*). **Depending upon official placement.*

GENERAL SCIENCE (5-12): BIO 130, 140, 160, 250; CHE 161, 162, 163, 164, 231, 233; PHY 131, 151, 152, 250; 6 hours of geology (by special arrangement); MTH 161; EDU 370 (53 hours total).

MATHEMATICS (5-12): CSC 130; MTH 110*, 120*, 130*, 140, 150, 161, 162, 180, 223, 240, 250, 310, 320, 330, 341; EDU 370 (53 hours total*). **Depending upon official placement.*

PHYSICAL EDUCATION (5-12): PED 101 (swimming), 101 (tumbling-gymnastics), 140, 150, 201, 219, 220, 251, 252, 320, 325, 345, 349, 353 (39 hours total plus swimming proficiency).

PHYSICS (9-12): PHY 151, 152, 210, 211, 220, 221, 250, 310, 330, 331, 360; 3 hours of physics electives; 3 hours of geology (by special arrangement); BIO 160, 250; CHE 161, 162, 163, 164; MTH 161; EDU 370 (58 hours total).

SOCIAL STUDIES (5-12): DIV 141; ECO 110, 120; HST 101, 102, 121, 122, 239, 261; PSC 101, 202; PSY 101, 301; SOC 101, 110; 6 hours social science electives; EDU 370 (54 hours total).

Students may wish to add one of the following optional endorsements to their primary teaching field as a means of enhancing employment opportunities:

MATHEMATICS (5-8): CSC 130; DEV 060*, 062*; MTH 110*, 120*, 130*, 140, 150, 161, 162, 180, 240, 250; EDU 370 (44 hours total*). **Depending upon official placement.*

PHYSICAL EDUCATION (5-8): PED 101 (swimming), 101 (tumbling-gymnastics), 140, 150, 219, 220, 251, 252, 320, 345, 352, (30 hours total plus swimming proficiency).

SOCIAL STUDIES (5-8): DIV 121, 141; ECO 120, HST 101, 102, 121, 122, 239, 261; PSC 101; SOC 110; EDU 370 (36 hours total).

Combined Elementary/Secondary Education (K-12)

1 Professional education core: EDU 101, 201, 206, 250, 306, 364, 365, 370 (where applicable); SPE 230.

2 Professional semester courses: EDU 464, 471 (or 472 as applicable), 474 (or 475 as applicable).

3 Selection of courses to satisfy general studies requirements to include CSC 130, PED 130 or 201; HST 102 or 122; one course from COM 121, ENG 245, HST 267 or 268, HST/SOC 243, SOC 305; a 3-hour literature course.

4 Selection of one of the combined elementary/secondary teaching fields from the following list.

ART (K-12): ART 101, 111, 112, 121, 122, 201 or 220, 211, 215, 241, 242, 246, 260, 315, 325, 330 (45 hours total).

MUSIC (K-12): MUS 101, 102, 110 (voice majors only), 201, 202, 221 and 222 (for non-voice majors), 231, 232, 241, 242, 243, 244, 245, 270, 275, 276, 301, 309, 310, 321, 322; ensemble (4 credits minimum); applied music study (attainment of level 8, up to 14 hours); non-keyboard majors must attain piano proficiency level 2 (up to 3 hours) (54 hours plus proficiency levels).

PHYSICAL EDUCATION (K-12): PED 101 (swimming), 101 (tumbling-gymnastics), 140, 150, 201, 219, 220, 230, 251, 252, 320, 325, 345, 349, 352, 353 (44 hours total plus swimming proficiency).

PHYSICAL EDUCATION/HEALTH (K-12): PED 101 (swimming), 101 (tumbling-gymnastics), 130, 140, 150, 201, 219, 220, 230, 251, 252, 315, 320, 325, 345, 349, 352, 353; BIO 160 or 140; FCS 101; PSY 235, 236 (57-58 hours total plus swimming proficiency).

PHYSICAL EDUCATION/HEALTH/ATHLETIC TRAINING (K-12): PED 101 (swimming), 101 (tumbling-gymnastics), PED 130, 140, 150, 155, 160, 201, 209, 210, 230, 251, 252, 260, 309, 310, 315, 320, 325, 345, 349, 352, 353, 372, 376, 396, 403, 404; BIO 160 or 110; BIO 211, 212; CHE 105, 106, 107, 108 or 161, 162, 163, 164; FCS 101, 265; PSY 235, 236; (98-103 hours total); plus 800 hours of supervised fieldwork. *Students are encouraged to work closely with the director of the athletic training program regarding requirements for admission to and continuation in this program, which will require more than four years to complete.*

EDUCATION COURSES

EDU 101. Introduction to Education. **3 hrs.**
Introductory course in the professional sequence for all who plan to teach. Information necessary to make an informed career decision is presented. Additional emphasis is placed on the organization of the school and the legal, philosophical, sociological, and historical aspects of American education.

EDU 188, 288, 388, 488. Special Topics. **1-3 hrs.**
A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

EDU 201. Learning and Human Development. **3 hrs.**
A combination of developmental and educational psychology, including the study of the physical, cognitive, and psychosocial development of learners from early childhood through adolescence. The course concentrates on theories of learning and the application of those theories to help students learn. *Prerequisite:* EDU 101.

EDU 205. Clinical Experience I:
Coming to Know the Elementary Classroom. **1 hr.**
A 30 clock-hour clinical experience in a public school designed to provide education majors opportunities to observe school organization, management, teaching, and learning. This is an introductory field experience that will also provide a basis upon which students can make informed career decisions. *Pre- or corequisite:* EDU 201.

EDU 206. Clinical Experience I:
Coming to Know the Secondary Classroom. **1 hr.**
A 30 clock-hour clinical experience in a public school designed to provide education majors opportunities to observe school organization, management, teaching, and learning. This is an introductory field experience that will also provide a basis upon which students can make informed career decisions. *Pre- or corequisite:* EDU 201.

EDU 210. The Teaching of Reading. 3 hrs.
An overview course for pre-service elementary teachers. Special attention is given to reading readiness, planning the reading lesson, skills identification, diagnosing reading difficulties, remedial reading, and types of reading materials. *Pre- or corequisite:* EDU 201.

EDU 211. Developmental and Corrective Reading. 3 hrs.
Emphasis on teaching reading comprehension, including the identification of types and appropriate uses of diagnostic reading tests; characteristics of common reading deficits among students at different grade levels; and strategies for remediation of reading problems at various grade levels. Students teach a short reading lesson. *Prerequisite:* EDU 210.

EDU 240. Instructional Processes for Elementary Teachers. 3 hrs.
An introduction to the process of instruction, emphasizing analysis of effective teaching. Students will analyze instructional models, strategies, and skills needed in planning and organizing instruction. The scope and sequence of instructional planning and preparation for lessons and instruction will be stressed. *Prerequisite:* EDU 201.

EDU 250. Teaching Reading in Secondary Content Areas. 2 hrs.
A course for pre-service secondary teachers, to help them teach reading skills directly related to their particular content areas. Emphasis on identification of students who have reading problems and the types of materials that can be used effectively in various content fields. *Prerequisite:* EDU 201.

EDU 260. Methods of Teaching Elementary Mathematics. 3 hrs.
A course emphasizing problem solving and problem-solving techniques; estimation, sets, set operations, decimals, ratios, percents, counting techniques, elementary probability and statistics and problem solving using sets; systems of numeration; the four fundamental operations on natural, rational, and real numbers; introduction to number theory; Euclidean geometry, proofs, constructions and computations; algebra, technology, use of manipulatives as problem-solving tools, and developmentally appropriate instructional strategies. *Prerequisites:* Elementary education major, EDU 101, grade of C or better on a mathematics course at the 100 level or higher.

EDU 305. Clinical Experience II: Elementary Education. 2 hrs.
A clinical experience designed to provide the education major experiences as a paraprofessional in a school setting. Includes observation of an accomplished teacher and opportunities to participate in micro-teaching experiences. This course provides a bridge between prior experiences and student teaching. *Prerequisite:* Admission to the teacher education program. *Pre- or corequisite:* SPE 230.

EDU 306. Clinical Experience II: Secondary Education. 2 hrs.
A clinical experience in a public school designed to provide the education major experiences as a paraprofessional. Includes observation of an accomplished teacher and a limited amount of teaching. This course provides a bridge between prior experiences and student teaching. *Prerequisite:* Admission to the teacher education program. *Pre- or corequisite:* SPE 230.

EDU 310. Language Arts Methods for Elementary Teachers. 2 hrs.
A course focusing on the curriculum, methods, and materials for effective instruction of language arts in the elementary school. Emphasis is placed on the development of a wide variety of developmentally appropriate objectives, interactive learning and instructional strategies, and the assessment of learning. Research and strategies for literature-based instruction and integration of language arts in elementary classrooms are examined. *Prerequisite:* Admission to the teacher education program.

EDU 315. Science Methods for Elementary Teachers. 2 hrs.
A course focusing on the curriculum, methods, and materials for effective instruction of science in the elementary school. Emphasis is placed on the development of a wide variety of developmentally appropriate objectives, organizational structures, and instructional techniques

in the sciences appropriate to elementary students. *Prerequisite:* Admission to the teacher education program.

EDU 360. Methods of Teaching Elementary Social Studies. 2 hrs.
A course designed for pre-service elementary school teachers. The dominant skills and methods related to the teaching of social studies are emphasized. Attention is given to lesson and unit planning and learning activities, as well as to selection of materials and resources needed to implement those plans at the appropriate age and grade level of the learner. The course includes a multicultural component. *Prerequisites:* DIV 121, 210 and admission to the teacher education program.

EDU 361. Classroom Management and Assessment for Elementary Teachers. 2 hrs.
An introduction to methods and practices for developing effective classroom management systems for the beginning teacher. Emphasis is placed on management of the instructional program and management of student behavior. The course will address skills for effective classroom decision-making including how to structure a classroom climate that promotes student learning. *Prerequisite:* Admission to the teacher education program.

EDU 364. Classroom Management and Assessment for Secondary Teachers. 2 hrs.
An introduction to methods and practices for developing effective classroom management systems for the beginning teacher. Emphasis is placed on management of the instructional program, assisting students to self-regulate their learning and behavior, and assessment of instruction and student learning. *Prerequisite:* Admission to the teacher education program.

EDU 365. Principles and Methods of Teaching in Secondary Schools. 2 hrs.
A course that provides the student a background in the theory of secondary education which will correlate principles and techniques of teaching in both middle and high schools with actual practices found in current use. *Prerequisite:* Admission to the teacher education program.

EDU 370. Special Methods in Secondary Content Areas. 3 hrs.
A course designed for pre-service teachers. Methods for teaching in specialized teaching fields are examined. Students register for the applicable section (e.g., English, Science). Attention is given to lesson and unit planning with selection of appropriate age level materials. *Prerequisite:* Admission to the teacher education program.

EDU 463. Professional Seminar for Elementary Teachers. 2 hrs.
A seminar reflecting upon the student teaching experience and focusing on contemporary issues and professional problems. Attention is given to current research relevant to effective teaching, and educational theory is tied to clinical practice. *To be taken concurrently with student teaching. Prerequisite:* Admission to the professional semester.

EDU 464. Professional Seminar for Secondary Teachers. 2 hrs.
A seminar addressing contemporary issues and concerns related to teaching and tying educational theory to clinical practice. *To be taken concurrently with student teaching. Prerequisite:* Admission to the professional semester.

EDU 470. Student Teaching in Early Childhood Education (K-4). 5 hrs.

EDU 471. Student Teaching in Middle Childhood Education (5-8). 5 hrs.

EDU 472. Student Teaching in Early/Middle Childhood Education.* 5 hrs.

EDU 474. Student Teaching in Adolescent Education (9-12). 5 hrs.

EDU 475. Student Teaching in Adolescent Education (9-12). 10 hrs.

EDU 476. Student Teaching in Middle Childhood Education (5-6). 5 hrs.
A teaching experience in classrooms appropriate to the certification sought, under the supervision of a selected professional teacher. Total involvement in the school program is

obtained by all-day assignment to teaching responsibilities. Observation, reports, preparation of lesson plans, group and private conferences and analysis of child growth and development are stressed. *For spring placement, all application materials must be in the Department of Education by the first Monday in October. For fall placement, all application materials must be in the Department of Education by the first Monday in March. Prerequisite:* Admission to the professional semester. *The teacher education fee will be required.*

**Only for students seeking K-12 endorsement in art, music, physical education, physical education/health, or physical education/health/athletic training or endorsement in specific learning disabilities (grade levels commensurate with first teaching field).*

Special Education Courses

SPE 230. Exceptionalities and Human Diversity. 3 hrs.

An introduction to the field of special education, including the diverse physical, mental, and educational characteristics of the behavior disordered, physically handicapped, learning disabled, speech and language impaired, visually impaired, hearing impaired, mentally impaired, and gifted. Special emphasis will be given to the inclusion of students with disabilities in the regular education setting. *Prerequisite:* EDU 201.

SPE 330. Behavior Management. 3 hrs.

A survey of classroom management and behavior modification procedures utilized in modifying specific behavioral and/or academic characteristics of students in the classroom. *Prerequisite:* SPE 230.

SPE 340. Introduction to Specific Learning Disabilities. 3 hrs.

Survey course designed to acquaint the student with the historical development, etiology, characteristics, and salient issues in the field of learning disabilities. *Prerequisite:* SPE 230.

SPE 345. Teaching Strategies for Specific Learning Disabilities. 3 hrs.

Techniques utilized in teaching the learning disabled. Includes technology as it relates to methods, how to use specific instructional approaches, and how to modify existing curricular methods to meet individualized needs. *Prerequisite:* SPE 230.

SPE 350. Diagnosis, Prescription and Assessment Techniques. 3 hrs.

An in-depth investigation of and involvement in the diagnosis, prescription and assessment techniques used in teaching exceptional children. Students have opportunities to administer and interpret formal and informal tests, then write an individual educational plan based upon the assessment information. *Prerequisites:* SPE 330, 340.

SPE 410. Student Teaching in Secondary Education. 5 hrs.

Student teaching of the learning disabled at the secondary level (grades 5-12). Students will design and conduct consultative/collaborative sessions; develop individualized instructional strategies; apply sound, contemporary methodology; and select appropriate materials. *For spring placement, all application materials must be in the Department of Education by the first Monday in October. For fall placement, all application materials must be in the Department of Education by the first Monday in March. Prerequisite:* Admission to the professional semester. *The teacher education fee will be required.*

SPE 465. Professional Seminar in Special Education. 2 hrs.

A seminar designed to study advanced concepts and central issues and theories in special education. Special topics introduced in previous course work will be examined in discussion and writing. *Satisfies advanced composition requirement for general studies. To be taken concurrently with student teaching. Prerequisite:* Admission to the professional semester.

SPE 473. Student Teaching in Specific Learning Disabilities. 5 hrs.
A full-time student teaching experience in a public school with a qualified teacher certified in learning disabilities. The opportunity to blend theory into practice through application of learned concepts and instructional approaches. *For spring placement, all application materials must be in the Department of Education by the first Monday in October. For fall placement, all application materials must be in the Department of Education by the first Monday in March. Prerequisite:* Admission to the professional semester. *The teacher education fee will be required.*

ENGINEERING PHYSICS

See Physics and Engineering for description of major program.

ENGLISH

Baldwin, Creasman, DeFoe, Kendig, W. Mallory, I. McKinney, McNamara, O'Brien, Saunders

Literature and writing should be an integral part of every student's program. Thus, the English faculty seeks to provide courses suitable for all students. Central to its curriculum is the creation of an atmosphere of open inquiry where students and faculty can work together toward greater understanding and appreciation of literature and writing.

The program's aims embrace the best in classic and contemporary literature. The courses are directed toward students in liberal arts, teaching, business, government, and the sciences, and those who intend graduate study in law, medicine, and the ministry. The faculty also encourages students to choose English as a valuable minor area of study.

To accommodate student needs and goals, the English faculty offers an English major with three concentrations or "tracks": a literature concentration for those who want a "general" degree in literary studies or seek to pursue graduate study; a writing concentration for students who wish to enter journalism, freelance writing, or a field where writing skills are in high demand; and a teaching concentration, for those seeking certification as teachers.

Requirements for Major

A minimum of 38 semester hours above composition, including core and individual concentration requirements and electives. English majors may count up to 45 hours in English above ENG 101 and 102 toward the 128 hours required for graduation.

Core Requirements (18 hours): One course from ENG 230-237; ENG 240, 250, 260, 320, and 350.

Literature Concentration (20 hours): ENG 370, 420, and either ENG 351 or ENG 353; plus 6 hours of literature electives. The 6 remaining hours may be selected freely from departmental offerings.

Writing Concentration (20 hours): ENG 213, 9 hours from writing electives (ENG 215, 311, 313, 315, 317), ENG 410, and 6 hours of literature electives.

Teaching Concentration: See ENGLISH under Education.

Requirements for English Minor

15 semester hours above composition.

Requirements for Writing Minor

15 semester hours above composition, including ENG 213 and 12 hours of writing electives (ENG 215, 311, 313, 315, 317). One literature course may be substituted for a writing elective.

ENG 101. Composition I. **3 hrs.**
A general course in expository, narrative, and descriptive writing, emphasizing basic writing skills: grammar, punctuation, usage, sentence structure, paragraphing, organization, and thesis support. Short writing assignments and essays. *Students are required to earn a C or better in this course before taking Composition II. This course may be waived on the basis of official placement.*

ENG 102. Composition II. **3 hrs.**
An introduction to persuasive writing and the research paper. This course emphasizes critical thinking and identification with audience, as well as research methods and documentation sources. Essays and a research paper are required. *Students are required to earn a C or better in this course in order to graduate. Prerequisite:* ENG 101 or official placement.

ENG 163. Introduction to Literature. **3 hrs.**
An introductory course devoted to an understanding of poetry, fiction, and drama, with attention to methods of presentation, elements of literature, and content.

ENG 165. Short Fiction. **3 hrs.**
A wide-ranging genre study of short prose works, from the short story to the novella, with attention to both American and international writers.

ENG 170. Contemporary Literature (Honors). **3 hrs.**
A study of novels, film, poetry, memoirs, etc., writtten by living writers. American and international authors are equally represented among the works studied. *Prerequisite:* Honors student or 3.5 GPA.

ENG 188, 288, 388, 488. Special Topics. **1-3 hrs.**
A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

ENG 213. Introduction to Creative Writing. **3 hrs.**
A workshop course in which students explore several modes of writing—poetry, prose, or drama. Students examine works by master writers, complete assignments, and submit their own work for class review. *Prerequisite:* ENG 102.

ENG 215. Writing for the Print Media. **3 hrs.**
A study of sound journalistic practice in the print media. A hands-on course designed to improve the student's ability to interview, do research, and write editorials, news stories, and feature articles for newspapers and magazines. *Prerequisite:* ENG 102.

ENG 230, 231, 232. Non-Western Literature. **3 hrs.**
An exploration of the traditional and emerging literatures of Africa (ENG 230), or Asia (ENG 231), or other countries, regions, or continents (ENG 232). A wide range of genres from poetry to fiction to film and drama will be investigated. *Prerequisite:* ENG 102.

ENG 235. Early Classics of Western Literature. **3 hrs.**
An exploration of early masterpieces of Western literature, from Homer, Greek drama, and Virgil to Dante. *Prerequisite:* ENG 102.

ENG 237. Modern World Literature. **3 hrs.**
A far-reaching study of modern world writing, investigating significant works from Europe, Asia, and the Americas. *Prerequisite:* ENG 102.

ENG 240. American Literature, The Early Tradition. **3 hrs.**
A survey of major works of American writers from Bradford to 1900 in their historical, cultural, and literary contexts. *Prerequisite:* ENG 102.

ENG 245. American Ethnic Literature. **3 hrs.**
A survey of the rich ethnic literatures of the United States, including the works of Hispanic, African-American, Native American, Asian-American, and other ethnic writers and filmmakers. Novels, poetry, short fiction, drama, and film may be included. *Prerequisite:* ENG 102.

ENG 248. Appalachian Literature. **3 hrs.**
An investigation into the poetry, short fiction, novels, and other genres of the writers of our region. While many West Virginia writers will be studied, works from the entire Appalachian region will be included. *Prerequisite:* ENG 102.

ENG 250. England, The Heritage. **3 hrs.**
A survey of major works by British writers from Beowulf to 1900 in their historical, cultural, and literary contexts. *Prerequisite:* ENG 102.

ENG 260. Modern Writers in English. **3 hrs.**
A survey of writers in English from 1900 to the present. Modern and contemporary writers will be studied in their historical, cultural, and literary contexts. *Prerequisite:* ENG 102.

ENG 270, 271, 272, 273. Studies in Genre. **3 hrs.**
A study of representative fiction (ENG 270), poetry (ENG 271), drama (ENG 272), or other genres (ENG 273) that illustrates the historical development of a genre particularly in matters of form. *Prerequisite:* ENG 102.

ENG 275, 276. Studies in Gender. **3 hrs.**
An exploration through literature and criticism of questions related to gender. Women's Studies (ENG 275) will be offered along with courses that consider other issues related to gender (ENG 276). *Prerequisite:* ENG 102.

ENG 311. Creative Writing: Poetry. **3 hrs.**
Informal workshop course which concentrates on writing poetry and provides a helpful and critical audience for the student's work. *Prerequisite:* ENG 213.

ENG 313. Creative Writing: Fiction. **3 hrs.**
Informal workshop course which concentrates on writing fiction and provides a helpful and critical audience for the student's work. *Prerequisite:* ENG 213.

ENG 315. Creative Writing: Non-Fiction. **3 hrs.**
An informal workshop course that focuses on writing non-fiction pieces and offers a critical and helpful audience to evaluate the student's work. *Prerequisite:* ENG 213.

ENG 317. Autobiography and Journal Writing. **3 hrs.**
An introduction to the autobiographical genre through the reading of five or six autobiographies from the classic Franklin to the contemporary Maya Angelou. The student will explore his or her own life through various journalistic techniques by keeping a personal journal that will, along with the readings, provide material for writing several papers, culminating in an autobiography. *Prerequisite:* ENG 102.

ENG 319. Advanced Composition. **2 hrs.**
An advanced course in composition in which students practice and develop their skills in exposition, narration, description, and argumentation. *Prerequisite:* ENG 102.

ENG 320. The English Language. **3 hrs.**
The history of the English language and its modern evolution, with attention to varying analysis of its structure and grammar. Required for all English majors. *Prerequisite:* ENG 102.

ENG 340, 341, 342. Twentieth Century American Literature. **3 hrs.**
A study of a particular genre such as poetry (ENG 340), fiction (ENG 341), or a theme or topic (ENG 342). A genre course might, for example, look at the novel in the 1990's, while a theme course might pursue the quest for individual identity in American literature of this century. *Prerequisite:* ENG 102.

ENG 350. Shakespeare. **3 hrs.**
A study of representative plays: comedies, histories, tragedies and romances against the background of the Elizabethan age. *Prerequisite:* ENG 102.

ENG 351. The Age of Chaucer. **3 hrs.**

The poetry of Chaucer as it developed from Middle English literature under the influence of the French and Italian Renaissance. This course will also address other writers of Chaucer's time, the origins of the ballad, and the beginnings of English drama. *Prerequisite:* ENG 102.

ENG 353. The Age of Spenser and Milton. **3 hrs.**

A study of major works of Milton and Spenser, with additional consideration of poets and prose writers of the English Renaissance and Reformation. *Prerequisite:* ENG 102.

ENG 357. Eighteenth Century British Literature. **3 hrs.**

The literature of England in the eighteenth century, with special emphasis on the prominent authors and dominant literary forms of the neoclassical tradition. *Prerequisite:* ENG 102.

ENG 359. Nineteenth Century British Literature. **3 hrs.**

A study of the major literary movements in England in the nineteenth century. The course will survey the entire century, although one era (such as Romanticism) or one genre (such as poetry) might be emphasized. *Prerequisite:* ENG 102.

ENG 370. Critical Approaches and Literary Analysis. **3 hrs.**

A survey of critical approaches from the ancients to contemporary approaches such as feminism and reader-response. Students will read a variety of texts in order to develop their skills in criticism. *Prerequisite:* ENG 102.

ENG. 410. Senior Thesis: Writing Concentration. **2 hrs.**

Directed by an instructor in the writing program, the writing major in his or her senior year will work on a lengthy writing project, one that represents the student's highest achievement as a writer. *Satisfies advanced composition requirement for general studies. Prerequisite:* Major in English with a writing concentration.

ENG. 420. Senior Thesis: Literature Concentration. **2 hrs.**

Directed by departmental instructors, the student will pursue a project or study that is relevant to literary studies or literary life. The project will be presented orally to complete the course. *Satisfies advanced composition requirement for general studies. Prerequisite:* Major in English with a literature or teaching concentration.

English as a Second Language

Gebhardt-Burns, Hall

Wesleyan offers English language instruction for non-native speakers who seek to improve language proficiency for a variety of reasons, chief among them being to participate fully in an academic program of higher education. International students are expected to have achieved a TOEFL score of 450 to enroll in these courses. Up to 12 credit hours of English as a second language courses may count toward a degree. Credit in the program beyond 12 hours will be classified as developmental and will be subject to the limit of seven hours of such credit that may be applied toward a degree.

ESL 111. Readings in English I. **2 hrs.**

A reading and vocabulary-building course required of all students entering the English as a Second Language Program. In addition to classes, student will have two to three contact hours per week with staff tutors. *Meets three hours per week.*

ESL 112. Readings in English II. **2 hrs.**

Continuation of ESL 111. *Meets three hours per week. Prerequisite:* ESL 111.

ESL 121. Intermediate Writing I. 2 hrs.
Taken concurrently with ESL 111, for students with intermediate-level skill in written English. In addition to classes, students will have two to three contact hours per week with staff tutors. *Meets three hours per week.*

ESL 122. Intermediate Writing II. 2 hrs.
Continuation of ESL 121; taken concurrently with ESL 112. *Meets three hours per week. Prerequisite:* ESL 121.

ESL 127. Intermediate Speaking and Listening I. 2 hrs.
Taken concurrently with ESL 111, for students with intermediate-level skills in spoken English. In addition to classes, students will have two to three contact hours per week with staff tutors. *Meets three hours per week.*

ESL 128. Intermediate Speaking and Listening II. 2 hrs.
Continuation of ESL 127; taken concurrently with ESL 112. *Meets three hours per week. Prerequisite:* ESL 127.

ESL 131. Advanced Writing I. 2 hrs.
Taken concurrently with ESL 111, for students with advanced-level skill in written English. In addition to classes, students will have two to three contact hours per week with staff tutors. *Meets three hours per week.*

ESL 132. Advanced Writing II. 2 hrs.
Continuation of ESL 131; taken concurrently with ESL 112. *Meets three hours per week. Prerequisite:* ESL 131.

ESL 137. Advanced Speaking and Listening. 2 hrs.
Taken concurrently with ESL 111, for students with advanced-level skill in spoken English. In addition to classes, students will have two to three contact hours per week with staff tutors. *Meets three hours per week.*

ESL 141. Writing Practicum. 1 hr.

ESL 143. Speaking Practicum. 1 hr.

ESL 145. Language Development. 1 hr.

Environmental Science

The primary goals of this program are to provide students with first-hand experience in the field of environmental science as well as an in-depth understanding of local and global environmental issues. Graduates of this program will be well prepared to enter the fields of water quality management, natural resource conservation, environmental chemistry, ecology, environmental education, forestry and wildlife management. The B.S. program is designed for students who expect to pursue graduate studies or a career in science. The B.A. program is for students who wish to blend environmental science with another discipline, such as economics, computer science, or political science.

Requirements for Bachelor of Science Major

48-50 semester hours, including BIO 130, 160, 252, 254, 310, 342, 370, 372 (or CHE 231, 233 or CHE 240, 242), 376, 397, 398, and one biology elective (200 level or higher). In addition, students must take CHE 161, 162, 163, 164, and either MTH 150 or 161.

Requirements for Bachelor of Arts Major

40-42 semester hours, including either BIO 110 or 160; BIO 130, 252, 254, 310, 342, 370, 372, and 397. In addition, students must take CHE 105, 106, 107, 108, and one course selected from MTH 110, 130, 150, 161.

Requirements Minor

15-17 semester hours, including either BIO 110 or 160, BIO 130, 252, either BIO 310 or 370, and BIO 397.

Family and Consumer Sciences

Halverson

FCS 101. Personal and Family Living. **3 hrs.**
An exploration into personal and family relationships in our society as they affect today's young adult. Includes study of courtship, husband-wife and parent-child relationships.

FCS 251. Cultural Aspects of Foods. **2 hrs.**
An historical approach to the importance of foods in today's world. A consideration of food availability, preparation, and the social, cultural and economic implications and nutritive adequacy.

FCS 265. Fundamentals of Human Nutrition. **3 hrs.**
An introductory study of the individual nutrients in respect to digestion, absorption, metabolism, body needs and food sources. This information is applied through study of the life cycle.

FCS 312. Lifestyle Management. **3 hrs.**
A study of the management process and decisions involving the use of family resources to achieve personal and family goals.

FCS 357. Institutional Organization and Management. **3 hrs.**
A study of personnel administration, financial management, equipment, and efficient operation of food service in institutions.

FCS 364. Quantity Food Production. **3 hrs.**
Problems in purchasing and preparing food for large groups. Practical experience in planning, preparing and serving.

FCS 367. Advanced Human Nutrition. **3 hrs.**
A study of human nutrition, including the chemistry of food nutrients, digestion, absorption, and metabolism. Principles of human nutrition applied to individual, family, community, and world problems. *Prerequisites:* FCS 265; BIO 211, 212; and CHE 350 or consent of instructor.

FCS 370. Diet Therapy. **3 hrs.**
Study of diet in pathological conditions, stressing its importance in diseases that can be prevented and/or treated by proper diet. *Prerequisite:* FCS 367 or consent of instructor.

History

H. Coston, Cresswell, Mahoney, R. Rupp, Weeks

The history curriculum is designed to encourage students to read critically, think creatively, research thoroughly, and write effectively. The department encourages students to explore the American past, the European heritage, and Non-Western cultures. A major in history is an excellent foundation for graduate study in law, theology, the humanities, and social sciences. History graduates have found rewarding careers in journalism, research and writing, archival and museum work, teaching, and government service.

Requirements for Major

30 semester hours, including HST 102 and either 101 or 235 (U.S.); HST 122 and one course selected from 121, 204, 207, 212 (European); HST 261 and one course selected from 264, 270, 273, 276, 315 (Non-Western); 9 hours of electives; and HST 497.

History majors are urged to take at least 6 hours of a foreign language.

Credit for survey courses 101, 102, and 121, 122 may be established by passing the appropriate College Level Examination Program (CLEP) examinations. No more than 6 hours of exam credit may be applied toward a major.

Students double-majoring in history and political science are required to complete only one Senior Seminar (HST/PSC 497); however, they must earn at least 30 semester hours in each discipline.

Requirements for Minor

15 semester hours, including 102, 122 and at least one Non-Western history course. No more than 3 hours of exam credit may be applied toward a minor.

HST 101. History of the United States I. 3 hrs.
A survey of the history of the United States from the discovery of America through the Civil War. Emphasis on social, political, and economic developments.

HST 102. History of the United States II. 3 hrs.
Continuation of HST 101, covering the period from the Reconstruction to the present.

HST 121. History of Western Civilization I. 3 hrs.
Survey of Western Civilization from prehistory to the close of the religious wars of the Reformation, including Egypt and the ancient Near East, classical Greece and Rome, the early and late Middle Ages, and the Renaissance and Reformation.

HST 122. History of Western Civilization II. 3 hrs.
Survey of Western Civilization from the close of the sixteenth century to the present day with attention to major social, political, economic, intellectual, and artistic developments that have shaped the Western world in modern times.

HST 188, 288, 388, 488. Special Topics. 1-3 hrs.
A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

HST 204. Medieval History. 3 hrs.
A study of the developments in medieval arts and society in Europe with emphasis on the period between the tenth and fifteenth centuries.

HST 207. Renaissance History. 3 hrs.
A study of artistic, political and religious developments in Renaissance Europe with emphasis on Italian Humanism and the Renaissance north of the Alps.

HST 210. Parties and Elections. 3 hrs.
Description under PSC 210.

HST 212. Reformation History. 3 hrs.
A study of the religious, political, and cultural developments in the Reformation with emphasis on sixteenth century Germany and Switzerland, and including developments to 1648.

HST 220. The American Presidency. 3 hrs.
Description under PSC 220.

HST 228. History of Europe, 1789-1890. 3 hrs.
An examination of European history from the French Revolution and Napoleonic Era to the coming of the Golden Age. The revolutionary tradition and the upheavals of 1848, the impact of modernization and industrial progress, the development of the modern nation-state, and the growing pressures on domestic politics and the international system arising from nationalism and imperialist expansion.

HST 232. History of Europe, 1890 to the Present. 3 hrs.
A look at European society from La Belle Epoque to the present day, including the origins and consequences of the First World War, the political and economic instability of the interwar years, the development and application of totalitarian ideologies, the cataclysm of the Second World War, the Cold War and the division of Europe, the consequences of the democratic revolutions of 1989 and the collapse of the Soviet Union, and the long road to European unity.

HST 235. Topics in Early American History. 3 hrs.
A problems approach to the study of political, social, economic, and cultural aspects of American civilization. The course will be set in the context of American history during the colonial, revolutionary, and early nation periods.

HST 239. West Virginia: the Mining State. 3 hrs.
A study of the coal industry and its economic, social, and political influence on the history of West Virginia; designed for teachers of social science and individuals interested in the affairs of this state and its region.

HST 243 (also SOC 243). American Minority Groups Since 1865. 3 hrs.
A study of the experiences of racial and ethnic minority groups in America during the hundred years after the Civil War, when America was becoming increasingly urbanized. Among the topics studied are African-American office-holding during the Reconstruction, white conflicts with Indians, the experience of Asian Americans, and Jim Crow segregation and black voting rights in the 1950's and 1960's.

HST 246. American Labor and Radicalism. 3 hrs.
A study of the forces that influenced the rise of labor, including the history of organized labor, craft unionism and collective bargaining, labor-management relations, and labor law. Attention also to various radical groups and political parties founded by laboring persons, including the anarchists, the I.W.W., and the Socialist Party. Assessment of the efforts of American labor to gain and maintain power in a diverse society.

HST 250. The United States, 1900-1940. 3 hrs.
A study of political trends from McKinley through the New Deal; economic policies under conservative, progressive and New Deal leadership; and foreign policies such as imperialism, the entry into World War I, peace-making after the war, isolationism, and responses to the events leading to World War II. *Offered in alternate years.*

HST 254. Recent History of the United States. 3 hrs.
An analysis of American society emphasizing the role of leadership, policy-making, and events of our foreign and domestic involvements since 1940. *Offered in alternate years.*

HST 261. Introduction to the Non-Western World. 3 hrs.
An introduction to selected traditional societies before their contacts with Western Civilization during the nineteenth century. Novels and audio-visuals supplement texts and lectures to provide an understanding of the common person's village life as well as the Great Tradition of these civilizations.

HST 264. History of Africa. 3 hrs.
A study of sub-Saharan Africa, especially since 1800, including the slave trade and its impact on traditional societies, the European scramble for African territories and African reactions, colonial administrations, economic changes, nationalism and independence movements, problems and trends of African nations since independence.

HST 267. African-American History I. 3 hrs.
A survey of the experience of African-Americans from their beginnings in Africa through the Civil War and Reconstruction. An examination of such topics as traditional African societies, the institution of slavery, the development of African-American culture, the Civil War and Reconstruction and the African-American.

HST 268. African-American History II. **3 hrs.**

A survey of the experience of African-Americans from Reconstruction to the Civil Rights Era. Focus on such topics as African-American rural and urban societies, African-American church and education, and African-American intellectual and protest movements.

HST 270. People's Republic of China. **3 hrs.**

A study of issues in Chinese history since 1949, such as the balance between continuity and change, between ideology and practical considerations, and between domestic and foreign policies.

HST 273. Japan Since 1868. **3 hrs.**

The Meiji restoration of 1868 is often interpreted as the beginning of Modern Japan. This survey of Modern Japanese history uses the theme of balancing continuity and change, discussing it in the periods of Meiji Reforms, Taisho Democracy, Militarism and War, postwar recovery, and the emergence of Japan's "post-industrial" society in the 1990s.

HST 276. History of Latin America. **3 hrs.**

A study of Latin America from the period of discovery to the present. Emphasis on the period since 1800 with special attention to relations between Latin American countries and the United States.

HST 315 (also SOC 315). Arabs and the Middle East. **3 hrs.**

Historic and sociological perspectives on the Middle East, including dynasties and empires, Islam and its sects, the invasion by Western nations, the growth of Arab nationalism, the collapse of the Ottoman Empire and the carving up of the Levant, the emergence of Zionism and the conflict between Palestinians and the nation of Israel, the role of Britain and the United States in the region, the chaos in Lebanon, and the Iran-Iraq war.

HST 320. History of Modern Germany. **3 hrs.**

A history of Germany since 1815, including the rivalry between Austria and Prussia, the mid century revolutions and Bismarck's wars of unification, Prussian leadership in the German Empire of 1871-1918, the politics and culture of the Weimar Republic, the impact of the two world wars, the social and political nature of the Third Reich, and the division and reunification of the two Germanies.

HST 325. Eastern Europe in the Twentieth Century. **3 hrs.**

A survey of major social, political, and intellectual developments in Eastern Europe from the turn of the century to the democratic revolutions of 1989 and beyond. The course covers both individual national histories and broader regional developments, including nationalism, ethnicity, and regional tensions; the two world wars and the new order of the interwar period; the creation of communist societies and the Soviet Bloc; the Prague Spring, Solidarity, and the other "cracks" in the Bloc; the democratic revolutions of 1989; and the post-1989 struggles to achieve political and economic reforms.

HST 330. European Social and Intellectual History Since 1789. **3 hrs.**

An examination of European social and intellectual history since the Enlightenment. Topics include the impact of the Enlightenment and the revolutionary era on European society and thought; the effects of industrialization and modernization on social development, social classes, and gender roles; and advances in philosophy, political and social theory, science, and the arts from the late 1700's to the present. *Prerequisite:* HST 122 or permission of instructor.

HST 335. History of Modern France. **3 hrs.**

An examination of French history since the Enlightenment with emphasis on the origins of the revolutionary and Napoleonic traditions, the evolution of French society and culture, the role of France in European affairs, the nature and politics of the French republics, and the development of a peculiarly French view of the world in the modern era.

HST 340. History of Modern Russia. **3 hrs.**
The history of Russia from 1796 to the present with emphasis on the decline and fall of the Russia aristocracy, the evolution of reform thought and revolutionary opposition, the revolution of 1917, the Marxist-Leninist dream and its Soviet consequences, the totalitarian state under Stalin, the role of Gorbachev's perestroika and the collapse of the Soviet Union, and the political and economic struggles of the post-Soviet era.

HST 355. Civil War and Reconstruction. **3 hrs.**
An analytical study of the social forces, events and personalities involved in the disruption of the Union and its reconstruction (from 1840 to 1876).

HST 360. American Legal History. **3 hrs.**
A survey of American legal history, tracing the influence of the law on everyday life and its impact on social and political history. Includes criminal law and the desire to enforce conformity to government policy, resistance to the laws, the changing role of attorneys in society.

HST 497. Senior Seminar. **3 hrs.**
Advanced readings, discussion, and use of primary and secondary materials to write and present orally a major research paper. Consideration will be given to research techniques, manipulation of data, interpretation of the past, and writing styles. *Satisfies advanced composition requirement for general studies. Prerequisite:* History major.

International Studies

The interdisciplinary international studies major provides a broad liberal arts foundation, a basic knowledge of foreign cultures, and an opportunity to concentrate in studies of one or more geographic regions. This major prepares students for graduate study, a position in a multi-national corporation, international social service such as the Peace Corps or church-related mission work, or work with an international foundation or volunteer agency.

Travel and study abroad programs are encouraged. Credit for such programs may be applied toward the major if approved in advance. International studies majors are encouraged to participate in the International Student Organization while on campus.

Requirements for Major

51 semester hours, including core courses, sociology electives, foreign language, regional concentration, and senior research paper, as prescribed below.

Core Requirements (18 semester hours): ECO 110, 120; DIV 141; PSC 120, 231, 232.

Sociology: 9 semester hours selected from SOC 110, 115, 220, 235, 305, 355.

Foreign Language: 6 hours minimum in one language; additional hours highly recommended.

Regional Concentration (18 hours from one option, including 9 hours in history and 9 hours in other areas):

OPTION A. **Asia:** HST 261, 270, 273; PSC 325; REL 240, 245.

OPTION B. **Europe:** HST 204, 207, 212, 228, 232, 320, 325, 330, 335, 340; ART 241, 242, 246; ENG 235, 237, 250, 350, 351, 353, 357, 359; PHL 211, 270; PSC 310, 320.

OPTION C. **General:** Selection of courses according to the distribution above, approved by the international studies advisor, including at least three courses from a single country or region outside North America.

Senior Research Paper.

Management

See Business for description of major program.

Marketing

See Business for description of major program.

Mathematics

M. Berry, Burns

The mathematics program at Wesleyan is designed to prepare students for employment as applied mathematicians in industry, for entrance into graduate school, for certification as secondary or elementary teachers of mathematics, or for a variety of careers in other disciplines which require that blend of intuition, formalism, and logic which characterizes the mathematical process.

Requirements for Major

40 semester hours, including PHY 151; MTH 161, 162, 223, 240, 250, 301 or 310, 320, 341, 440, 450; and 6 semester hours of mathematics electives numbered above 223.

Requirements for Minor

20 semester hours, including MTH 161, 162, and 223. The remaining 9 hours must be selected from courses numbered above 223.

For programs leading to teacher certification in mathematics at the middle childhood and adolescent levels, see Education.

DEV 060. Developmental College Mathematics. **3 hrs.**
Description in developmental course section.

DEV 062. Developmental Algebra. **3 hrs.**
Description in developmental course section.

MTH 107. Practical Algebra. **3 hrs.**
A general studies-level course designed to give students increased confidence in applications of algebra and the use of technology, stressing the use and possible misuse of mathematics in the social and life sciences, and providing an introduction to critical analysis of data. Topics include gathering, exploring, describing and interpreting data; graphing, visualizing and describing statistical data including mean, median and mode systems of measurement; linear regression and properties of linear, quadratic and exponential functions using actual data. TI-82 calculators will be used extensively. *Prerequisite:* Official placement or DEV 062. *Usually offered every semester.*

MTH 110. College Algebra. **3 hrs.**
Quadratic equations and inequalities in one and two variables. An introduction to the complex number system. Systems of equations and inequalities, functions and graphing. Emphasis throughout on applications and problem-solving techniques. *Prerequisite:* Official placement or DEV 062. *Usually offered every semester.*

MTH 120. Trigonometry. **3 hrs.**
The trigonometric functions and their graphs; identities and conditional equations. Solutions of triangles; the Law of Sines, the Law of Cosines. Inverse trigonometric functions. Radians and vectors. Emphasis throughout on applications and problem-solving techniques. Technology will

be introduced. *Prerequisite:* Official placement or MTH 110, which may be taken concurrently. *Usually offered every spring semester.*

MTH 130. PreCalculus. 3 hrs.

Functions and their inverses; exponential, logarithmic functions and equations. Conic sections; series and sequences; the Binomial Theorem. Applications, numerical methods, problem-solving techniques and the use of technology, including both computers and graphing calculators, will be stressed throughout. A graphing calculator will be required. *Prerequisites:* MTH 110 and 120, or official placement. *Usually offered every spring semester.*

MTH 140. Geometry. 3 hrs.

Basic elements of plane Euclidean geometry, with an emphasis on visualization and manipulation. Congruent and similar triangles; properties of circles and polygons; tessellations; constructions. Formal and informal proofs. Group work. Dynamic geometry software will be used in computer explorations. *Prerequisite:* Two years of high school algebra, or MTH 110 or equivalent. *Usually offered every spring semester.*

MTH 150. Problem Solving. 3 hrs.

The use of different problem-solving strategies, techniques, and tools. Types of problems to be considered include algebraic, logic, networks, and number theory. Emphasis on organization, group work and writing throughout. Some use of technology. *Prerequisite:* Two years of high school algebra, or MTH 110 or equivalent. *Usually offered every fall.*

MTH 161. Calculus I. 4 hrs.

Introductory calculus with a laboratory component. Differentiation and applications of the derivative; transcendental functions; differential equations, numerical approximations, mathematical modeling. Emphasis throughout on projects, group work and written reports. *Prerequisite:* MTH 130 or equivalent, or official placement. *Usually offered every fall semester.*

MTH 162. Calculus II. 4 hrs.

Introductory calculus with a laboratory component. Integration, integration techniques and applications of the integral; the Fundamental Theorem of Calculus. Improper integrals. Polynomial approximations. L'Hopital's rules. Additional work with differential equations, numerical methods and mathematical modeling. Emphasis throughout on projects, group work and written reports. *Prerequisite:* MTH 161 or equivalent. *Usually offered every spring semester.*

MTH 188, 288, 388, 488. Special Topics. 1-3 hrs.

A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

MTH 223. Calculus III. 3 hrs.

Intermediate calculus with a computer laboratory component. Curves and surfaces in space. Partial differentiation, multiple integration, two-dimensional vector algebra and calculus. Infinite series and power series. Emphasis throughout on projects, group work and written reports. *Prerequisite:* MTH 162 or equivalent. *Usually offered every fall semester.*

MTH 230. Differential Equations. 3 hrs.

First and second ordinary differential equations; analytic methods, including Laplace Transforms and Fourier Series; numerical methods. Series solutions. An introduction to partial differential equations. There will be a computer laboratory component and written reports. *Prerequisite:* MTH 223. *Usually offered every spring semester.*

MTH 240. Discrete Mathematics. 3 hrs.

Graph theory; transversibility, trees and directed graphs. Combinatorics; counting, partial orderings and elementary probability. Number theory; divisibility and modulo arithmetic. Algorithms and algorithmic complexity emphasized throughout. *Not open to freshmen. Pre- or corequisite:* MTH 162. *Usually offered every spring semester.*

MTH 250. Basic Concepts of Mathematics. **3 hrs.**

Introduction to formal mathematics, including proofs, formulating and proving conjectures, mathematical notation. Sets and set operations; relations and functions. Axiomatic construction of the real number system. Group work and the communication of mathematics, written and oral, will be emphasized. *Mathematics majors must complete this course by the end of their sophomore year. Not open to freshmen. Pre- or corequisite:* MTH 162. *Usually offered every spring semester.*

MTH 301. Advanced Engineering Mathematics. **3 hrs.**

Three-dimensional vector calculus; Stoke's and divergence theorems. Linear algebra; eigenvalues and unitary transformations. Complex analysis; residue integration and conformal mappings. Numerical methods emphasized in all areas. There will be projects and written reports. *Prerequisite:* MTH 230. *Usually offered every fall semester.*

MTH 310. Linear Algebra. **3 hrs.**

Vectors and vector spaces; inner product spaces. Coordinate systems; bases; linear independence, orthogonality. Matrices; linear transformations; eigenvalues and eigenvectors. Technology will be used. *Prerequisite:* MTH 223. *Usually offered fall semester, even years.*

MTH 320. Algebraic Structures. **3 hrs.**

Groups, rings, fields and algebras. Homomorphisms, structure theorems. Quotient groups and rings. Emphasis on models throughout. *Prerequisites:* MTH 240 and 250. *Usually offered fall semester, odd years.*

MTH 330. Probability and Statistics. **3 hrs.**

Elementary probabilities. Event spaces, discrete and continuous distributions, conditional probabilities. Elementary statistics. Random variables, limiting theorems; hypothesis testing. Technology will be used. *Prerequisite:* MTH 223. *Usually offered fall semester, odd years.*

MTH 341. Real Analysis I. **3 hrs.**

Sequences and their limits; continuity and consequences; uniform continuity. An introduction to real line topology, including the Bolzano-Weierstrass theorem. Emphasis on group work and oral presentations. Some use of technology. *Prerequisite:* MTH 250. *Usually offered fall semester, even years.*

MTH 342. Real Analysis II. **3 hrs.**

Differentiation and the mean value theorems; the Riemann integral and the mean value theorems. The Fundamental Theorem of Calculus. Series, power series and uniform convergence. There will be projects, oral presentations, and use of technology. *Prerequisite:* MTH 341. *Usually offered spring semester, odd years.*

MTH 440. Research. **3 hrs.**

An introduction to mathematical research and the writing of mathematical papers. Emphasis is placed on current and historical mathematics literature. The course consists of a series of papers and oral presentation of them and culminates in the writing of the senior research paper. The final grade is not assigned until the paper is completed at the beginning of the spring semester. *Satisfies advanced composition requirement for general studies. Prerequisites:* Mathematics major and senior standing. *Usually offered every fall semester.*

MTH 450. Seminar. **1 hr.**

Oral presentation to mathematics students and faculty of the research paper prepared in MTH 440 during the previous semester. *Prerequisite:* MTH 440. *Usually offered every spring semester.*

MEDIA STUDIES

See Communication and Dramatic Arts for description of minor program.

Modern and Classical Languages

J. Holmes, Trusler, Welliver

Courses in this department are designed to develop basic language and cultural proficiencies.

Requirement for Minor

A minor in Spanish is available to students who elect to take 6 hours above the intermediate level. These hours may be taken at Wesleyan through regular course work or learning contracts, at another U.S. institution, or through recognized study abroad. Contact instructors in the department for information about a minor in French or German.

French

FCH 101. Introductory French I. **3 hrs.**
A course designed to give the student basic proficiency in language skills and cultural awareness. *Meets four hours per week.*

FCH 102. Introductory French II. **3 hrs.**
Continuation of FCH 101. *Meets four hours per week. Prerequisite:* FCH 101.

FCH 201. Intermediate French I. **3 hrs.**
A course designed to continue development of language and cultural proficiencies. *Prerequisite:* FCH 102 or equivalent.

FCH 202. Intermediate French II. **3 hrs.**
Continuation of FCH 201. *Prerequisite:* FCH 201.

German

GER 101. Introductory German I. **3 hrs.**
A course designed to give the student basic proficiency in language skills and cultural awareness. *Meets four hours per week.*

GER 102. Introductory German II. **3 hrs.**
Continuation of GER 101. *Meets four hours per week. Prerequisite:* GER 101.

GER 201. Intermediate German I. **3 hrs.**
A course designed to continue development of language and cultural proficiencies. *Prerequisite:* GER 102 or equivalent.

GER 202. Intermediate German II. **3 hrs.**
Continuation of GER 201. *Prerequisite:* GER 201.

Greek

GRK 201. New Testament Greek I. **3 hrs.**
Elementary Hellenistic Greek grammar oriented toward the reading of the Greek New Testament. *Offered in alternate years.*

GRK 202. New Testament Greek II. **3 hrs.**
Continuation of GRK 201. *Prerequisite:* GRK 201. *Offered in alternate years.*

GRK 301. Readings in Hellenistic Greek I. **1-3 hrs.**
Additional experience in translation and in using resources for philological study of the New Testament and related Hellenistic Greek works. *Prerequisites:* GRK 201 and 202. *Offered in alternate years.*

GRK 302. Readings in Hellenistic Greek II. **1-3 hrs.**
Continuation of GRK 301. *Prerequisite:* GRK 301. *Offered in alternate years.*

Spanish

SPA 101. Introductory Spanish I. **3 hrs.**
A course designed to give the student basic proficiency in language skills and cultural awareness. *Meets four hours per week.*

SPA 102. Introductory Spanish II. **3 hrs.**
Continuation of SPA 101. *Meets four hours per week. Prerequisite:* SPA 101.

SPA 201. Intermediate Spanish I. **3 hrs.**
A course designed to continue development of language and cultural proficiencies. *Prerequisite:* SPA 102 or equivalent.

SPA 202. Intermediate Spanish II. **3 hrs.**
Continuation of SPA 201. *Prerequisite:* SPA 201.

SPA 301. Advanced Spanish I. **3 hrs.**
A course designed to continue the development of language proficiency and cultural awareness. Emphasis on spontaneous expression based on representative print and nonprint media from Hispanic cultures. *Prerequisite:* SPA 202 or instructor's permission.

SPA 302. Advanced Spanish II. **3 hrs.**
Continuation of SPA 301. *Prerequisite:* SPA 301.

Music

Dees, Meadows, Milburn, Parsons, Price, Sabak

The music curriculum is designed to develop an understanding and appreciation of music, and to help students become accomplished musicians. The Bachelor of Music Education degree serves those who are preparing for the teaching profession, and the Bachelor of Arts degree accommodates those wishing a liberal arts degree or wishing to emphasize a particular aspect of music such as performance or theory in their study. Various options for a contract major combining music with other disciplines, such as business or Christian education, are possible. All curricula offered provide a strong foundation for graduate study.

Students wishing to major in music are admitted to the program provisionally according to a placement audition in applied music at the end of the first semester of study. At the end of the fourth semester an evaluation of the progress made in both musical and academic studies will be made by the music faculty and, after a private conference with the student, a decision regarding continuation in the program will be made.

The music program is accredited by the National Association of Schools of Music and endorses the statement on Basic Musicianship adopted by this national accrediting organization. The program seeks to develop basic musicianship in the following areas: (1) A conceptual understanding of such musical properties as sound, rhythm, melody, harmony, texture and form; and opportunities for developing a grasp of their interrelationships as they form the cognitive-affective basis for listening, composing and performing; (2) Repeated opportunities for enacting in a variety of ways the roles of listener (analysis), performer (interpretation), composer (creation), and scholar (research); (3) A repertory for study that embraces many cultures and historical periods.

Requirements for the Bachelor of Music Education Degree

54 semester hours of music courses, plus applied music instruction (amount varies), plus 30 semester hours of professional education courses. Music courses include MUS

101, 102, 110 (voice majors only), 201, 202, 221 and 222 (for non-voice majors), 231, 232, 241, 242, 243, 244, 245, 270, 275, 276, 301, 309, 310, 321, and 322. All candidates for this degree are required to attain a minimum of level 8 in their chosen field of applied music, which is normally achieved by a maximum of 14 semester hours of study, and to present an assisted recital in their major performing area in their junior or senior year (with or without one hour credit). All non-keyboard majors are required to attain a level 2 in piano, which is normally achieved by a maximum of 4 semester hours of study. All candidates for this degree are expected to participate in at least one ensemble each semester, with or without credit, and to establish a minimum of 4 semester hours credit in ensemble. No more than 4 ensemble credits may apply toward the 128-hour minimum required for graduation.

Professional education courses include EDU 101, 201, 206, 250, 306, 364, 365, 464, 472, 474; SPE 230. In addition, students must satisfy all current requirements of the West Virginia Department of Education for *all* teacher certificates and/or by West Virginia Wesleyan College for *all* degrees, and they must include the following courses as they complete general studies requirements: CSC 130, PED 130 or 201; HST 102 or 122; one course from COM 121, ENG 245, HST 267 or 268, HST/SOC 243, SOC 305; a 3-hour literature course. See Education section of this catalog.

Requirements for Music Major, Bachelor of Arts Degree

51 semester hours, including MUS 101, 102, 110 (voice majors only), 201, 202, 301, 321 and 322, attainment of level 6 in one area of applied music, 4 hours of ensemble and music electives to complete 51 hours. Students wishing to complete an *applied music emphasis* must attain a level 10 in one area of performance and give a full recital (with or without one hour credit). Students wishing to complete a *theory emphasis* must attain a level 6 in piano and complete a special project in musical research, analysis or composition during their senior year, the results of which will be shared publicly through a recital, lecture or lecture-recital. All candidates for this degree are expected to participate in at least one ensemble each semester, with or without credit. No more than 4 ensemble credits may apply toward the 128-hour minimum required for graduation.

Requirements for Minor

15 semester hours, including MUS 101, 215, sufficient study in chosen field of applied music to attain level 4, 2 semester hours of ensemble and 2 semester hours of electives in music.

MUS 101. Basic Musicianship I. **4 hrs.**

Review of mechanics and music fundamentals. An integrated study of basic musical units through development of individual skills in music listening, performance, composition, analysis and criticism, incorporating the principles of comprehensive musicianship. Training includes elementary aural perception, sight singing, dictation, and rhythmic exercises, using traditional classroom teaching methods as well as computer software. *Meets four hours per week.*

MUS 102. Basic Musicianship II. **4 hrs.**

Continuation of MUS 101. Emphasis on four-part writing, non chord tones, key and function, with analysis and compositional exercises based on shorter musical works from the eighteenth and nineteenth centuries. Training includes melodic and harmonic dictation, chord identification and progressions, and realization of figured bass, using traditional classroom teaching methods as well as computer software. *Meets four hours per week. Prerequisite:* MUS 101.

MUS 110. Diction. **2 hrs.**
An introduction to French, German, and Italian diction emphasizing the use of the International Phonetic Alphabet. *Required in freshman year of all voice majors.*

MUS 115. Voice for Musical Theatre. **2 hrs.**
A non-voice majors' basic course in vocal performance for the stage. Topics include diction and presentation, increasing projection and vocal range; how to choose, practice, and "sell" a song; history of the musical, auditioning techniques, basic music reading. Recommended for students in dramatic arts.

MUS 120. Jazz Improvisation. **2 hrs.**
A course which combines instruction in jazz theory and repertoire to develop the skills necessary to improvise in the various styles of jazz music, including swing, Dixieland, bebop, Latin, rock, and blues. *Prerequisite:* Permission of instructor based on assessment of musical experience. *May be repeated once for credit.*

MUS 149, 249, 349. Ensemble. **Each 1 hr.**
Study and performance of works for choral or instrumental groups, including Concert Chorale, Wesleyan Singers, Concentus Vocum, various instrumental ensembles, Jazz Ensemble and Concert Band. A *maximum of eight ensemble credits may count toward graduation for all students except music majors, who may count only four.*

MUS 188, 288, 388, 488. Special Topics. **1-3 hrs.**
A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

MUS 201. Advanced Musicianship I. **5 hrs.**
Continuation of MUS 102. Intensive analysis of complete movements and larger forms, harmonization of melodies, understanding relationship of phrases and structure, basic discussion of improvisatory techniques, and use of music notation software through lead sheet and score preparation. Training includes sight singing, harmonic dictation, modulation, and basic keyboard realization as well as synthesizer sequencing. *Meets five hours per week. Prerequisite:* MUS 102.

MUS 202. Advanced Musicianship II. **5 hrs.**
Continuation of MUS 201. A detailed study of the structural principles of music, analysis and composition of two- and three-part inventions, fugue analysis, and compositional exercises based on nineteenth-century models. Training includes sight singing, harmonic dictation, and basic keyboard realization as well as synthesizer sequencing. *Meets five hours per week. Prerequisite:* MUS 201.

MUS 210. Introduction to Non-Western Music. **3 hrs.**
A brief survey of important world music systems and their effect on music in the Western world.

MUS 215. Music Appreciation **3 hrs.**
A course designed to assist students not majoring in music to develop an understanding and appreciation of concert music through directed group listening.

MUS 217. Introduction to Music Education for the Classroom Teacher. **3 hrs.**
A course designed to provide the elementary classroom teacher an appreciation of music and skills necessary to teach or reinforce the general music class in the primary and intermediate grades. The course addresses the history of music, various types of music, and famous composers and presents the fundamental elements of music through the study of basic classroom instruments such as the recorder, piano, guitar, autoharp and various Orff instruments. Students listen to music by famous composers and observe presentations by the instructor, professional music teachers, and advanced music education majors. *Open only to elementary education majors.*

MUS 221. Fundamentals of Voice I. **1 hr.**
Class instruction in the development and basic techniques of the singing voice. Designed for non-voice majors in music education. *Two periods weekly. Offered in alternate years.*

MUS 222. Fundamentals of Voice II. **1 hr.**
Continuation of MUS 221. *Two periods weekly. Prerequisite:* MUS 221. *Offered in alternate years.*

MUS 231. Woodwind Instruments I. **1 hr.**
Class instruction in the fundamentals of the various woodwind instruments. Limited to music majors and minors. *Two periods weekly. Offered in alternate years.*

MUS 232. Woodwind Instruments II. **1 hr.**
Continuation of MUS 231. *Two periods weekly. Prerequisite:* MUS 231. *Offered in alternate years.*

MUS 241. Brass Instruments I. **1 hr.**
Class instruction in the fundamentals of the various brass instruments. Limited to music majors and minors. *Two periods weekly. Offered in alternate years.*

MUS 242. Brass Instruments II. **1 hr.**
Continuation of MUS 241. *Two periods weekly. Prerequisite:* MUS 241. *Offered in alternate years.*

MUS 243. Stringed Instruments I. **1 hr.**
Class instruction in the various instruments of the string family, concentrating on two orchestral instruments and guitar. Limited to music majors and minors. *Two periods weekly. Offered in alternate years.*

MUS 244. Stringed Instruments II. **1 hr.**
Class instruction in various instruments of the string family, concentrating on instruments not covered in MUS 243 and continuing work with guitar. *Two periods weekly. Prerequisite:* MUS 243. *Offered in alternate years.*

MUS 245. Percussion. **1 hr.**
Class instruction in the various instruments of the percussion family. Limited to music majors and minors. *Two periods weekly. Offered in alternate years.*

MUS 270. Orchestration. **2 hrs.**
Study of range, use, and characteristics of orchestral and band instruments. Scoring for various instrumental combinations. The student is required to make at least one symphonic arrangement from a piano score. *Prerequisite:* MUS 201. *Offered in alternate years.*

MUS 275. Instrumental Conducting. **2 hrs.**
Techniques of organizing and conducting band and orchestra; principles of interpretation, score reading; practice conducting. *Prerequisite:* MUS 102. *Offered in alternate years.*

MUS 276. Choral Conducting. **2 hrs.**
Techniques of choral conducting; factors involved in choral interpretation, selection of materials, organization and administration of choral work. Practice in conducting. *Prerequisite:* MUS 102. *Offered in alternate years.*

MUS 301. Advanced Musicianship III. **4 hrs.**
A detailed study of the evolution of music from Impressionism to the present day. Improvisational jazz styles are discussed. Projects in composition and analysis are based on twentieth-century models with assignments to be completed using music notation software. *Meets four hours per week. Prerequisite:* MUS 202.

MUS 309. Early and Middle Childhood Methods for the Music Specialist. **4 hrs.**
A study of various philosophies of music education and their application in the use of singing, listening, rhythmic and creative activities to achieve the objectives of early and middle childhood musical growth. Laboratory includes the preparation of lesson plans using keyboard and fretted instruments. *Prerequisites:* Admittance to the teacher education program and approval of music faculty.

MUS 310. Adolescent Methods for the Music Specialist. **3 hrs.**
A study of adolescent music education, including instrumental and vocal programs on the adolescent level, including concert and marching band, orchestra, high school choir, madrigal

group, as well as elective music courses. Music-specific software such as field drills and administrative packages are presented. *Prerequisites:* Admittance to the teacher education program and approval of music faculty.

MUS 321. History of Music I. **3 hrs.**

A study of the evolution of musical styles, forms, and genres from the plainchant of the early Middle Ages to the Baroque masterpieces of J.S. Bach. Emphasis on contributions of major composers in each historical era, with listening assignments, enhanced by CD ROM. *Prerequisite:* MUS 202 or consent of instructor.

MUS 322. History of Music II. **3 hrs.**

Continuation of MUS 321. A detailed study covering the period from the mid eighteenth century to the present. Major research project involving stylistic analysis of the works of a contemporary composer, requiring library, CD ROM and Internet resources. *Prerequisite:* MUS 321.

Applied Music

Applied music study is based on a system of proficiency levels. Level descriptions are available in each area of applied music.

The minimum level requirements for graduation are Bachelor of Music Education: Level 8; Bachelor of Arts: Level 6 (except for students wishing to complete an emphasis in applied music, who must attain Level 10).

The minimum level requirement for a music minor is Level 4 in chosen area.

Although applied music requirements are stated in terms of specific proficiency levels, the schedule of normal advancement toward the desired goal may be measured in terms of semester hours of study.

To earn three semester hours of credit in applied music, a student must have attained at least a Level 5.

Music majors normally earn credit in their chosen field of applied music at the rate of at least two semester hours each semester until their required achievement level is attained.

Students are accepted for applied study as faculty loads permit in the following order of priority: music majors, music minors, non-majors currently participating in a departmental ensemble, others.

MUS 151, 251, 351. Baritone Horn, Tuba. **1-3 hrs.**

MUS 152, 252, 352. Bassoon. **1-3 hrs.**

MUS 153, 253, 353. Cello, String Bass. **1-3 hrs.**

MUS 154, 254, 354. Clarinet. **1-3 hrs.**

MUS 155, 255, 355. Cornet-Trumpet. **1-3 hrs.**

MUS 156, 256, 356. Flute, Piccolo. **1-3 hrs.**

MUS 157, 257, 357. French Horn. **1-3 hrs.**

MUS 158, 258, 358. Guitar. **1-3 hrs.**

MUS 159, 259, 359. Oboe, English Horn. **1-3 hrs.**

MUS 160, 260, 360. Organ. **1-3 hrs.**

MUS 161, 261, 361. Percussion. **1-3 hrs.**

MUS 162, 262, 362. Piano. **1-3 hrs.**

MUS 163. Piano Class. **1 hr.**

MUS 164, 264, 364. Saxophone. **1-3 hrs.**

MUS 165, 265, 365. Trombone. **1-3 hrs.**

MUS 167, 267, 367. Voice. **1-3 hrs.**

MUS 376, 476. Half Recital. **1 hr.**
Prerequisite: Proficiency Level 8.

MUS 378, 478. Full Recital. **1 hr.**
Prerequisite: Proficiency Level 10.

Nursing

Alfred, Aurelio, Bailey, Frye, J. McKinney, B. Smith, Stout, Wolgemuth

The goal of the nursing faculty is to prepare graduates to enter the profession of nursing as competent practitioners thoroughly familiar with the nursing process who also possess a sound foundation for graduate study in nursing.

Wesleyan's program is accredited by the National League for Nursing Accrediting Commission (350 Hudson St., New York, NY 10014; telephone 1-800-669-9656 ext. 153) and approved by the West Virginia Board of Examiners for Registered Nurses.

Admission

Freshmen are admitted to the College as nursing majors. Admission to the sophomore clinical component is based on academic ability determined by a cumulative grade point average of 2.5 or higher and completion of CHE 105, 106, 107, and 108; BIO 211 or PED 219; and NUR 101 and 110 with grades of C or higher. Qualifications for all students will be evaluated by a committee of the nursing faculty.

Nursing courses are sequential and are offered one time per year. Therefore, any student who wishes to apply for admission to the nursing program must do so by the end of the semester preceding the semester in which enrollment in a nursing course is planned. Applications are available in the chairperson's office.

Nursing majors receive a *Nursing Student Handbook* which outlines department policies, including those pertaining to admission, progression, retention and suitability. The faculty reserves the right to exclude or remove from clinical practice any student who has demonstrated attitudes or behaviors incompatible with safe nursing practice.

Before candidates can be considered for licensure as a registered nurse in the United States, they must report any conviction for a felony or misdemeanor to the licensing board. Students are advised to report such conviction to the nursing program and to the Board of Examiners for Registered Nurses upon entry into the nursing program.

Admission with Advanced Standing

Applications for admission with advanced placement in nursing will be assessed by a committee of the nursing faculty whose recommendations will guide the Admission and Registrar's offices. Advanced standing validated through standardized testing is available for Licensed Practical Nurses. Neither the Admission Office nor the nursing faculty can estimate the time required for completion of the Wesleyan program until a transcript of previous work and descriptions of the courses taken are submitted and evaluated.

Program

The basic program is structured for completion in four academic years. Students carry a challenging academic load and need to plan their schedules in close consultation with advisors.

Students are required to maintain a cumulative 2.0 grade point average and earn a grade of C or better in each nursing course and in each support course before proceeding in the program.

A course with an unsatisfactory grade may be repeated only once. Only one clinical nursing course may be repeated in the program.

Students anticipating graduate study in nursing are advised to complete a statistics course, selected in consultation with a nursing advisor, as part of their undergraduate study.

REGISTERED NURSE PLAN

The nursing program offers graduates of diploma and associate degree programs the opportunity to complete requirements for the baccalaureate degree in nursing. Acceptance and placement within the nursing program depend upon the individual's academic record. A license to practice nursing in the U.S. is required.

Students who are licensed nurses are required to meet the general studies curriculum and graduation requirements as outlined in the College catalog. They are required to complete NUR 410, 420, 440, 450, and 460 in residence. All RN nursing courses are offered in Wesleyan's Outreach Education program, in which all courses are considered resident credits.

RESOURCES

Middleton Hall is well equipped and provides faculty offices, class and seminar rooms, and skills and audio-visual/computer laboratories for nursing students. Clinical laboratory experience is provided in a variety of settings, including small community hospitals, nursing homes, and large acute care institutions. Responding to trends in health care, health promotion is emphasized and a wide variety of community health agencies are used. The health care institutions and agencies in Buckhannon, Clarksburg, and surrounding areas provide a broad spectrum of clinical learning experiences.

Requirements for Bachelor of Science in Nursing Degree

59 semester hours in nursing, including courses 101, 110, 220, 222, 225, 240, 320, 340, 350, 355, 410, 420, 440, 450, and 460; 25-27 hours of support courses to be completed prior to entering junior-level nursing courses, including CHE 105, 106, 107, 108; FCS 265; either BIO 211, 212 or PED 219, 220; BIO 220; PSY 235, 236.

This curriculum includes courses currently required by West Virginia Wesleyan College for all degrees.

NUR 101. Introduction to Professional Nursing. 1 hr.

An introduction to the historical development and social forces that have brought nursing to its current status. Exploration of the profession of nursing including the Wesleyan philosophy and curriculum. *Prerequisite:* Nursing major or permission of instructor.

NUR 110. Foundations of Professional Nursing. 1 hr.

An introduction to basic nursing knowledge organized around the concepts of humankind, environment, health, and nursing. *Prerequisite:* NUR 101 or permission of instructor.

NUR 220. Language and Principles of Nursing. 4 hrs.

Theory, 3 hrs.; Clinical Experience, 1 hr.

Development of novice knowledge and skills in the art and science of nursing. Examination of the nursing process, health needs, and professional roles. Psychomotor skills are introduced. *Prerequisites:* NUR 101, 110; CHE 106, 108; BIO 211 or PED 219.

NUR 222. Health Assessment. 3 hrs.

Theory, 2 hrs.; Clinical Experience, 1 hr.

Emphasis is on the development of skills to complete a comprehensive health assessment. The nursing role of provider of care, incorporating advocate, counselor and teacher roles, is presented. Completing health history interviews and assessments and relating client data to anticipated

normal findings and common deviations for each age group are emphasized. *Prerequisites:* NUR 101, 110; CHE 106, 108; BIO 211 or PED 219.

NUR 225. Pharmacology and Drug Therapy. 3 hrs.
Introduction to general principles of pharmacology and drug therapy, with emphasis on major drug classifications. Principles of pharmacodynamics and cultural, legal and ethical issues relating to drug therapy are presented. *Prerequisites:* NUR 220, 222 or permission of instructor.

NUR 240. Nursing Care: Common Health Problems. 6 hrs.
Theory, 4 hrs.; Clinical Experience, 2 hrs.
The application of the nursing process to clients experiencing common health problems with emphasis on adult health nursing. Experience in caring for adult clients in a variety of health care settings. *Prerequisites:* NUR 220, 222. *Pre- or corequisites:* BIO 220, PSY 235 and 236.

NUR 320. Mental Health Nursing. 5 hrs.
Theory, 3 hrs.; Clinical Experience, 2 hrs.
The use of therapeutic communication skills with clients experiencing psychological problems and disorders with emphasis on nursing care of clients with acute and chronic psychological problems across the life span. *Prerequisites:* All 200-level nursing courses and all support courses.

NUR 340. Nursing Care: Multiple Health Problems. 6 hrs.
Theory, 4 hrs.; Clinical Experience, 2 hrs.
The application of the nursing process to clients experiencing multiple health problems, with enphasis on adult health nursing. Experience in caring for adult clients in a variety of health care settings. *Prerequisites:* All 200-level nursing courses and all support courses.

NUR 350. Nursing Care of Children. 5 hrs.
Theory, 3 hrs.; Clinical Experience, 2 hrs.
Emphasis is on the health care of children in various care settings using an amalgam of roles in helping the child/family meet their health care needs. *Prerequisites:* NUR 320, 340.

NUR 355. Nursing Care: Life-Threatening Health Problems. 5 hrs.
Theory, 3 hrs.; Clinical Experience, 2 hrs.
The application of the nursing process with critically ill clients experiencing complex life-threatening health problems. Experience in caring for adult clients in a variety of health care settings. *Prerequisites:* NUR 320, 340.

NUR 360. Transition to Baccalaureate Nursing: Concepts. 2 hrs.
Enrichment of the licensed nurse's prior learning and facilitation of role transition are emphasized. Personal values and beliefs about nursing are clarified. Nursing theories are explored. The nurse's beliefs about humankind, health, environment and nursing are discussed. *Open only to licensed nurses.*

NUR 410. Family Nursing. 5 hrs.
Theory, 3 hrs.; Clinical Experience, 2 hrs.
The application of the nursing process with childbearing clients experiencing normal and complicated conditions. Includes health promotion of the childbearing family in various settings. *Prerequisites:* All 300-level nursing courses.

NUR 420. Leadership and Client Care Management. 4 hrs.
Theory, 2 hrs.; Clinical Experience, 2 hrs.
Development of the management knowledge and skills essential for planning, directing, and evaluating client care in the health care environment. Leadership experiences occur in various settings. *Prerequisites:* All 300-level nursing courses.

NUR 440. Community Health Nursing. 5 hrs.
Theory, 3 hrs.; Clinical Experience, 2 hrs.

A synthesis of public health science and nursing science to promote and maintain the health of the community. Clinical experiences are arranged in organized health agencies and communities. *Prerequisites:* NUR 410, 420, 460.

NUR 450. Transitions and Trends in Nursing. **4 hrs.**
Theory, 2 hrs.; Clinical Experience, 2 hrs.
An exploration of societal and professional trends and issues. The amalgam of nursing roles is analyzed to determine role performance. Focus is on professional development and role transition. *Satisfies advanced composition requirement for general studies. Prerequisites:* NUR 410, 420, 460.

NUR 460. Research in Nursing. **2 hrs.**
An investigation of the research process as a scientific method of inquiry; application of quantitative and qualitative methods of nursing research to clinical practice. *Prerequisites:* All 300-level nursing courses.

Philosophy

Hull, Keating

Philosophy is the love of wisdom. It is the attempt to provide a vision of the whole. Thus it is by nature interdisciplinary. The department teaches the history of thought, skill in dialogue, and respect for the truth, all of which help make a person better. Philosophical study is recommended both for its own sake and for the intelligence and sense of purpose it brings to professional life.

Requirements for Major

26 semester hours, including PHL 101, 111, 201, 260; 230 or 270; 340, 460; 6 hours of electives.

Requirements for Minor

18 semester hours, including PHL 101, 111, 201, 230; 6 hours of electives.

PHL 101. Philosophy and the Examined Life. **3 hrs.**
Critical thinking about basic philosophical questions through analysis of readings in the sciences, literature, and the arts.

PHL 111. History of Philosophy I: The Classical Age to Descartes. **3 hrs.**
Representative readings from the Classical age through the Medievals. *Prerequisite:* One course in philosophy.

PHL 121. Philosophy of Religion. **3 hrs.**
Critical thinking about problems in natural theology, religious experience, faith and reason, theodicy, the soul, afterlife, and the significance of religious language.

PHL 188, 288, 388, 488. Special Topics. **1-3 hrs.**
A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

PHL 201. Logic. **3 hrs.**
An introduction to traditional syllogistic logic and to elements of modern symbolic logic with emphasis on improving the student's critical skills.

PHL 211. Political Philosophy. **3 hrs.**
The philosophical study of the nature and good of politics. *May be credited toward a major or minor in political science. Prerequisite:* One course in philosophy.

PHL 230. Ethics. **3 hrs.**

The philosophical study of such topics as the nature of obligation, character, practical reason, and the good for persons.

PHL 260. History of Philosophy II: Descartes to Nietzsche. **3 hrs.**

Representative readings from Continental Rationalism, British Empiricism, and the Nineteenth Century. *Prerequisite:* One course in philosophy.

PHL 270. History of Philosophy III: Twentieth Century Thought. **3 hrs.**

Representative readings from 1900 to the present. *Prerequisite:* One course in philosophy.

PHL 340. Metaphysics and Epistemology. **3 hrs.**

Advanced course in problems in the theory of knowledge and metaphysics. *Prerequisites:* PHL 201 and 260.

PHL 460. Senior Essay. **2 hrs.**

Directed by departmental instructors, the student will write a philosophy paper and defend it before facuty and students. *Satisfies advanced composition requirement for general studies. Prerequisite:* Philosophy major.

Philosophy and Religion

Faculty in philosophy and religion offer an interdisciplinary major for students who have definite pre-theological plans.

Requirements for Major

36 semester hours approved by the student's faculty advisor, including a minimum of 12 semester hours from each discipline. Recommendations as to specific courses to be taken, depending on the student's interests and qualifications, include REL 210 and 221; PHL 111 and 201.

Physical Education and Health

Braine, Emrick, Fruh, Klebez, Michael Miller, Jay Myers, J. Smith, Tenney, Ward

The physical education and health program is designed to (1) provide instruction in leisure time skills; (2) contribute to the development of physical fitness; (3) prepare physical education and health teachers; (4) contribute to the physical and emotional well-being of students; (5) prepare students for careers in coaching, athletic training, and sports medicine; (6) provide accurate up-to-date information in areas of interpersonal relationships, coping strategies, sexuality, nutrition, medical care, health products and services, common diseases, environment factors and community health; (7) emphasize that health education should be an integral part of every student's education. Students seeking teacher certification must refer to special requirements listed in the Education section of this catalog. All majors are cautioned to observe the limit of 45 credit hours in physical education and health that may be counted toward graduation.

For requirements for major in sports medicine, see page 136.

Requirements for Physical Education Major

General Major: 38-39 semester hours, including PED 101 (swimming) or proficiency test, PED 130, 140, 150, 201, 219, 220, 230, 251, 252, 320, 325, 345, 349.

Health Promotion/Fitness Management Concentration: 50 semester hours, including PED 110, 130, 140, 150, 219, 220, 320, 325, 331, 332, 333, 338, 349; CHE 105, 106, 107, 108; FCS 265, 367; CSC 101; 450 clock hours of laboratory or clinical experience.

Requirements for Physical Education Minor

22 semester hours, including PED 140, 150, 219, 220, 251, 320, 345.

PED 101. Physical Education Activity. 1 hr.

Fundamental rules, techniques and skills in any one of the following activities. *Team games:* basketball, volleyball, walleyball. *Individual sports:* golf, tennis, archery, bowling, swimming, racquetball, squash. *Dance activities:* aerobic dance, folk dance. *Other activities:* tumbling, gymnastics, body building, Nautilus training, self defense, stress management, martial arts, and jogging. *No more than four activity credits may count toward graduation.*

PED 110. Exercise and Weight Control. 3 hrs.

Identification of health and fitness status, suitable nutrition and exercise programs, calorie needs at various ages. Course entails both class work and physical activity.

PED 130. Personal and Community Health. 2 hrs.

An introductory course designed to help the student acquire the information, attitudes, and habits essential to healthful living. An introduction to disease prevention, sanitation, food regulations and supply, housing, etc.

PED 140. First Aid and Safety. 3 hrs.

A course designed to provide the student with the skills needed in the emergency care of the sick and injured, and to introduce the principles of safety and accident prevention.

PED 150. Physical Education Major I. 4 hrs.

Introduction to physical education, its various fields, qualifications and employment possibilities. Fitness activities, testing and evaluation. An in-depth study of personal fitness, track and field, swimming and dance with emphasis on physical education fundamentals, basic coaching, choice and care of equipment.

PED 155. Introduction to Athletic Training. 1 hr.

Introduction to the profession of athletic training and academic and fieldwork requirements of the sports medicine/athletic training programs. Introduction to the five performance domains of the professional athletic trainer and orientation to the Wesleyan sports medicine department, its staff, facilities, services and operating policies and procedures.

PED 160. Sports Medicine I. 3 hrs.

Introduction to the medical aspects of sports, including the basic principles of prevention, evaluation and treatment of athletic injuries. Laboratory sessions will provide practical experience in assessment and treatment of athletic injuries covered in lectures and introduce various wrapping and strapping techniques. *Meets four hours per week. Prerequisites:* PED 140, 155.

PED 188, 288, 388, 488. Special Topics. 1-3 hrs.

A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

PED 201. School Health. 3 hrs.

Problems involved in school health programs including the organizational and educational aspects and personnel relationships involved in school health services, health education, and the school environment. Students will develop an understanding of safety and emergency care in the school setting.

PED 209. Athletic Training Practicum I. **3 hrs.**

Practical experience in the College training room and in the public school athletic program. Requires 120 hours of fieldwork. *Meets 1-2 hours per week. Prerequisites:* PED 140, 160.

PED 210. Athletic Training Practicum II. **3 hrs.**

Practical experience in the College training room and observational experience in the general and/or orthopedic surgical department of local hospitals. Requires 120 hours of fieldwork. *Meets 1-2 hours per week. Prerequisite:* PED 209.

PED 219. Anatomy and Physiology I. **3 hrs.**

The structure and function of the human organism. Major topics will include skeletal anatomy and function, muscular structure and function, the molecular basis of cell physiology and the nervous system.

PED 220. Anatomy and Physiology II. **3 hrs.**

A continuation of PED 219 emphasizing the following systems: cardiovascular, respiratory, gastrointestinal, renal, endocrine and reproductive. *Prerequisite:* PED 219.

PED 230. Elementary Rhythms and Movement. **2 hrs.**

An introduction to a study of basic movement skills, movement exploration, singing games, folk dancing, and social dancing, as they apply to the elementary physical education program. Emphasis on planning and conducting the activities.

PED 251. Physical Education Major II. **3 hrs.**

An in-depth study of touch football, soccer, volleyball and basketball with emphasis on physical education fundamentals, basic coaching, choice and care of equipment. *Prerequisite:* PED 150.

PED 252. Physical Education Major III. **3 hrs.**

An in-depth study of racquetball, golf, softball and tennis with emphasis on physical education fundamentals, basic coaching, choice and care of equipment. *Prerequisite:* PED 251.

PED 260. Sports Medicine II. **3 hrs.**

An in-depth study of advanced medical aspects of sports, including athletic injury prevention, administrative procedures, research and rehabilitation techniques. Discussion of special topics such as the female athlete, pharmacology, and dermatology will be included. *Prerequisites:* PED 160, 210.

PED 309. Athletic Training Practicum III. **4 hrs.**

Practical experience in the College training room, in the private or hospital-based sports medicine/physical therapy clinic, and in the hospital emergency room. Requires 160 hours of fieldwork. *Meets 1-2 hours per week. Prerequisite:* PED 210.

PED 310. Athletic Training Practicum IV. **4 hrs.**

Practical experience in the College training room and in the private or hospital-based sports medicine/physical therapy clinic. Requires 160 hours of fieldwork. *Meets 1-2 hours per week. Prerequisite:* PED 309.

PED 315. Health Education Seminar. **1 hr.**

An in-depth study of selected issues in health education on the local, state, national, and international level.

PED 320. Exercise Physiology. **3 hrs.**

The physiological effects of exercise on the human body; areas of interest include concepts of physical fitness, fatigue, weight control, nutrition, environmental stresses and review of the latest research in human performance. *Prerequisites:* PED 219, 220.

PED 325. Kinesiology. 3 hrs.
A study of the principal muscles of the human body, how the muscles work together to perform with ease and efficiency, the basic motor skills, and the prevention and correction of certain posture defects. *Prerequisite:* PED 320.

PED 331. Laboratory Techniques in Adult Fitness I. 1 hr.
Practical experience in areas of fitness evaluation, prescription, and supervision. The development of basic techniques in a supervised setting. *Pass/Fail grading. Prerequisite:* PED 220.

PED 332. Laboratory Techniques in Adult Fitness II. 1 hr.
Continuation of PED 331. *Pass/Fail grading. Prerequisite:* PED 331.

PED 333. Laboratory Techniques in Adult Fitness III. 1 hr.
Continuation of PED 332. *Pass/Fail grading. Prerequisite:* PED 332.

PED 338. Exercise Testing and Prescription. 3 hrs.
A course designed to provide knowledge and experience in the field of graded exercise testing, exercise prescription and rehabilitation of persons with cardiovascular disease. *Prerequisite:* PED 325.

PED 345. Principles, Organization and Administration of Health, Physical Education and Athletics. 3 hrs.
A study of the problems confronting teachers, coaches, principals, and supervisors in physical education and athletic programs of the public schools. A development of the understanding of basic physical education and athletic principles on which decisions can be made relative to problems teachers and coaches may encounter.

PED 349. Adapted Physical Education. 3 hrs.
A study of the adapted physical education program within the school curriculum with emphasis on development of individual programs for exceptional children.

PED 352. Methods of Physical Education in Elementary Schools. 3 hrs.
This course is designed to help develop philosophy, objectives, activities, program-planning and evaluation for a functional and meaningful program in elementary school physical education. *Prerequisite:* Junior or senior standing.

PED 353. Methods of Physical Education in Secondary Schools. 3 hrs.
Philosophy, objectives, activities, equipment, program-planning, measurement and evaluation procedures for a functional program in secondary school physical education. *Prerequisite:* Junior or senior standing.

PED 357. Team Sports: Football. 3 hrs.
A clinical analysis of coaching football at the varsity level. The course is intended for future coaches; includes philosophy, code of ethics, rules, and skills of the game.

PED 358. Team Sports: Basketball. 3 hrs.
A clinical analysis of coaching basketball at the varsity level. The course is intended for future coaches; includes philosophy, code of ethics, rules, and skills of the game.

PED 361. Officiating: Football. 1 hr.
Introducing the techniques and mechanics of officiating football, including principles and interpretation of rules. State officiating test and supervised practice.

PED 362. Officiating: Basketball. 1 hr.
Introducing the techniques and mechanics of officiating basketball, including principles and interpretation of rules. State officiating test and supervised practice.

PED 368. Methods of Teaching Health. 3 hrs.
This course is designed for prospective teachers, giving them the opportunity to evaluate various health teaching methods and learn measurement and evaluation procedures. *Prerequisite:* Junior or senior standing.

PED 372. Rehabilitation Techniques in Sports Medicine. 2 hrs.
A course designed to develop and enhance individual competencies necessary to plan and implement a comprehensive rehabilitation/reconditioning program for injuries/illnesses sustained by the competitive athlete. Students will develop skills related to performing orthopedic musculoskeletal and neurological evaluations and the integration of physical assessment into a comprehensive rehabilitation plan. The competencies are intended to stimulate further growth and development of the psychomotor, cognitive, and affective skills necessary to athletic training/physical therapy. *Prerequisites:* PED 160, 260.

PED 376. Therapeutic Modalities in Sports Medicine. 3 hrs.
Introduction to the clinical aspects and study of therapeutic modalities used in the treatment of athletic injuries. Students will gain hands-on experience with the various modalities (electrical stimulation, ultrasound, massage) currently used in sports medicine. *Prerequisite:* PED 160.

PED 396. Athletic Training Clinical Internship. 0-3 hrs.
A structured clinical experience of at least 120 hours for the sports medicine major. The student demonstrates the processes of thinking, feeling, and acting as a clinical athletic trainer and prepares for entry-level practice in a clinical physical therapy/sports medicine setting. The internship may be undertaken during a semester, January Term, or summer. *Prerequisite:* PED 210.

PED 403. Senior Seminar in Sports Medicine I. 1 hr.
Developing basic skills in research methodology and scientific communication through the formation of a research question, review of the literature, and writing a paper. Written and oral presentations. *In combination with PED 404, satisfies advanced composition requirement for general studies. Prerequisite:* Senior standing in sports medicine major or athletic training curriculum or permission of instructor.

PED 404. Senior Seminar in Sports Medicine II. 1 hr.
Continuation of PED 403, including written and oral interpretation of research findings. Emphasis on analyzing the results of research studies and critically examining the applications of those results. *In combination with PED 403, satisfies advanced composition requirement for general studies. Prerequisite:* PED 403 or permission of instructor.

Physical Sciences

PHS 110. Physical Science for Teachers. 3 hrs.
A multidisciplinary introduction to the physical sciences for elementary education majors. Contains units on astronomy, chemistry, and geology. Lecture and laboratory.

Physics and Engineering

Dunne, Popson, Wiest, Withey

Wesleyan's program in physics and engineering is multidisciplinary and includes the areas of astronomy, physics, and engineering. The program provides for a B.A. major and a minor in physics to provide students a broad general background in the discipline and a B.S. degree in engineering physics to prepare students to work in technological development and applied settings as well as for graduate study in either physics or engineering.

Requirements for Physics Major, Bachelor of Arts Degree

40 semester hours, including MTH 161, 162, 223, 230; PHY 151, 152, 210, 211, 310, 340 (or CHE 331), 360, 497, 498; one 3-hour elective in physics.

Requirements for Physics Minor

16 semester hours of physics from the above list of courses applicable for the physics major.

Requirements for Engineering Physics Major, Bachelor of Science Degree

74 semester hours, including PHY 141, 151, 152, 210, 211, 220, 221, 250, 305, 310, 320, 330, 331, 345, 360, 497, 498; CHE 161, 162, 163, 164, 331 (or PHY 340); CSC 220; MTH 161, 162, 223, 230, 301; one course from PHY 260, 270, 350, 370, 375; one course from MTH 310, 330, CSC 320. Engineering physics majors may count up to 52 hours of physics and engineering courses toward the 128 hours required for graduation.

PHY 103. Discovering Physics as a Liberal Art. 3 hrs.
A liberal arts course in physics intended for nonscientists. The course presents physics as a human endeavor underlying the major technological advancements of the twentieth century. Topics include the scientific method, motion, energy, heat, light, relativity, the atom, fission and fusion. No prior knowledge of physics is assumed, and one credit of high school algebra is required. Lecture and laboratory. *Usually offered every fall semester.*

PHY 131. Astronomy I. 3 hrs.
A study of the structure and origin of the solar system including historical views, comparing the planets and their satellites, and solar system formation. Lecture and laboratory.

PHY 132. Astronomy II. 3 hrs.
A study of the sun, the life a death of a star, the interstellar medium, galaxies, and both the past and future of the universe. Lecture and laboratory.

PHY 141. Introduction to Engineering. 1 hr.
The role of engineering in society. History, ethical responsibilities, methods of problem solving. Fields of engineering and relation to science. An introduction to CAD, CAM, and quality control.

PHY 151. General Physics I. 4 hrs.
An introductory course in mechanics, heat, sound, electricity, magnetism, light, and modern physics that is intended for the science major. Lecture and laboratory. *Prerequisite:* Official math placement or DEV 062.

PHY 152. General Physics II. 4 hrs.
Continuation of PHY 151. *Prerequisite:* PHY 151.

PHY 188, 288, 388, 488. Special Topics. 1-3 hrs.
A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

PHY 210. Light and Atomic Physics. 3 hrs.
Kinetic theory, charged subatomic particles, atomic interactions with radiation, photon mechanics, relativity, Bohr theory, quantum mechanics. *Prerequisite:* PHY 152. *Pre- or corequisite:* MTH 161.

PHY 211. Light and Atomic Physics Laboratory. 1 hr.
Experiments in physical optics, atomic absorption and emission of light, microwaves, the ratio of electronic charge to mass, x-rays and crystal structure, the cloud chamber, nuclear magnetic resonance. *Corequisite:* PHY 210.

PHY 220. Nuclear Physics. 3 hrs.
Particle accelerators, detection of charged particles, the neutron, nuclear stability, nuclear reactions, nuclear forces, the shell model, beta decay, particle physics. *Prerequisite:* PHY 210. *Pre- or corequisite:* MTH 162.

PHY 221. Nuclear Physics Laboratory. **1 hr.**
Experiments in detecting charged particles, neutrons, and gamma rays. Counting statistics, radiation shielding, stopping power, scintillation counters, semiconductor detectors, the multichannel analyzer, time of flight techniques, analysis of bubble chamber photographs, detection electronics. *Corequisite:* PHY 220.

PHY 250. Electronics. **3 hrs.**
Topics in DC and AC circuits. Semiconductor devices, rectifiers, amplifiers, and oscillators. Lecture and laboratory. *Prerequisite:* PHY 152. *Pre- or corequisite:* MTH 162.

PHY 260. Digital Electronics. **3 hrs.**
Representation of digital information, logic networks, integrated circuit technology, microprocessors. Lecture and laboratory. *Prerequisite:* PHY 152.

PHY 270. Quantum Mechanics. **3 hrs.**
Solutions to the Schroedinger equation, the Heisenberg uncertainty principle, step potentials, tunneling, potential wells, harmonic oscillators, the hydrogen atom, approximation methods. *Prerequisites:* PHY 152, MTH 162. *Pre- or corequisite:* PHY 210 or CHE 221, 223.

PHY 305. Electro-Optics Laboratory. **1 hr.**
Measurements in modern optics involving electromagnetic theory. Experiments include the Kerr effect, electron beam optics, fiber-optics wave guides, the monochromator, the ruby laser, nonlinear optics, the nitrogen laser, the tunable dye laser, and atomic excitation using lasers. *Prerequisites:* PHY 210, 211.

PHY 310. Theoretical and Applied Mechanics. **3 hrs.**
Newtonian mechanics, linear oscillations, Lagrangian and Hamiltonian dynamics, central forces, dynamics of rigid bodies. *Prerequisites:* PHY 152, MTH 230.

PHY 320. Materials Science. **3 hrs.**
Crystal structure and defects, stress and strain, theories of hardness and fracture, metallurgy. *Prerequisite:* PHY 210.

PHY 330. Solid State Physics. **3 hrs.**
Thermal, optical, and electronic properties of solids. Metals, insulators, and semiconductors. Magnetic resonance and superconductivity. *Prerequisites:* PHY 210, MTH 162.

PHY 331. Solid State Laboratory. **1 hr.**
Impurities in semiconductors, x-ray spectrometry, the Hall effect, magnetic resonance, Mossbauer spectrometry, hysteresis, superconductivity. *Corequisite:* PHY 330.

PHY 340. Engineering Thermodynamics. **3 hrs.**
The first and second laws of thermodynamics, reversibility, PVT surfaces, non-ideal gases, enthalpy, entropy, heat engines, heat pumps, the Carnot cycle, efficiency, Maxwell's relations, heat flow, thermodynamic systems. *Prerequisites:* PHY 152, MTH 162.

PHY 345. Engineering Measurements Laboratory. **1 hr.**
Analysis of the internal combustion engine, fluid analysis, strain gauges, heat engines. *Prerequisite:* PHY 152.

PHY 350. Fluid Mechanics. **3 hrs.**
The Bernouilli equation, momentum equations, potential flows, viscosity, streamlines, supersonic flow, open channels, turbo machines, the Navier-Stokes equation. *Prerequisite:* PHY 152. *Pre- or corequisite:* MTH 230.

PHY 360. Electromagnetic Theory. **3 hrs.**
Vector analysis of electric and magnetic fields, the solution to Laplace's equation in spherical and cylindrical coordinates, electrostatic images, polarization, dielectrics, electrostatic and magnetic energy, electric current, the Biot-Savart law, electromagnetic induction, Kirchhoff's laws, Maxwell's equations, electromagnetic waves. *Prerequisites:* PHY 152, MTH 230.

PHY 370. Strength of Materials/Machine Design. **3 hrs.**

The techniques for analyzing the deformation and internal stress distributions of elastic elements of structures and machines. Stress-strain relationships, beam theory, shear, energy methods, and critical speeds. *Prerequisites:* PHY 152, MTH 230.

PHY 375. Heat Transfer. **3 hrs.**

Conduction in rectangular and polar coordinates. Free and forced convection. Black and gray radiators. Steady-state and transient analysis. *Prerequisites:* PHY 152, MTH 230.

PHY 497. Research Seminar I. **1 hr.**

A study of the writing style for a scientific research paper. Researching scientific journals. Students will write a research paper based on a literature search. *In combination with PHY 498, satisfies advanced composition requirement for general studies. Prerequisite:* Major in physics or engineering physics.

PHY 498. Research Seminar II. **1 hr.**

Continuation of PHY 497. Students will conduct experimental research and present results in a research paper and an oral presentation. *In combination with PHY 497, satisfies advanced composition requirement for general studies. Prerequisite:* PHY 497.

POLITICAL SCIENCE

Boateng, Bright, Morrissette, R. Rupp

The undergraduate degree in political science provides a suitable foundation for the student who wishes to obtain an advanced degree in political science, public administration, and other disciplines within the social sciences. The pursuit of a future degree in law is another frequent goal of the undergraduate major.

The degree in political science can lead to employment opportunities in government service on all levels, including the diplomatic service; in research organizations; in social advocacy and lobbying programs; in journalism and specialized writing and editing; in full-time professional campaign organizations; as well as to the holding of elective or appointive office.

Requirements for Major

30 semester hours, including PSC 101, 120; two courses from PSC 202, 210, 220; one course from PSC 231, 232, 350, 353, 360; one course from PSC 240, 320, 325; one course from PSC 215, 331, 350; 6-9 hours of electives; plus PSC 497.

Students double-majoring in political science and history are required to complete only one Senior Seminar (PSC/HST 497); however, they must earn at least 30 semester hours in each discipline. PHL 211 (Political Philosophy) may be included in the 30 hours of political science.

Requirements for Minor

15 semester hours. PHL 211 (Political Philosophy) may be credited toward the minor.

PSC 101. American Federalism. **3 hrs.**

An analysis of the interaction of citizens and institutions of the United States in the formation, implementation, and adjudication of public policy at the national level.

PSC 120. Introduction to Political Science. **3 hrs.**

A general introduction to the discipline of political science.

PSC 188, 288, 388, 488. Special Topics. **1-3 hrs.**
A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

PSC 202. State and Local Government. **3 hrs.**
A comparative analysis of governments on the local, county, and state levels in the United States, and their interrelationship in the American Federal System. *Prerequisite:* PSC 101 or 120.

PSC 210 (also HST 210). Parties and Elections. **3 hrs.**
A description and critical analysis of the American political process, focusing on the formation of political beliefs, the development of political parties, and trends in recent electioneering practices. *Prerequisite:* PSC 101 or 120.

PSC 215. Constitutional Law. **3 hrs.**
A course in the legal principles of the Constitution of the United States as interpreted by the courts. The case method is used. *Prerequisite:* PSC 101 or 120.

PSC 220 (also HST 220). The American Presidency. **3 hrs.**
An examination of the American presidency and those individuals who shaped its evolution. The problems and issues raised as the institution developed will be studied within a biographical and historical framework, and consideration will be given to social science perspectives on the place and role of the presidency as it reflects and affects American society and values. *Prerequisite:* PSC 101 or 120.

PSC 231. International Relations I. **3 hrs.**
Formulation and execution of foreign policy with emphasis on American foreign policy; policy-making processes; main lines of foreign policy since 1945; relationships with the Soviet Union, Europe, China and the "third world." *Prerequisite:* PSC 101 or 120.

PSC 232. International Relations II. **3 hrs.**
Theory of international relations; basic factors affecting the position and policies of states, such as geography and demography; nationalism; imperialism; technological and economic factors; conflicting ideologies; instruments of foreign policy, such as diplomacy, propaganda, military power and economic and military assistance; international law and international organization. *Prerequisite:* PSC 101 or 120.

PSC 240. African Politics. **3 hrs.**
A study of the ancient and recent evolution and current political environment of African nations. Examination of both historical processes of political change and development and contemporary political institutions, practices, and policies. Attention to colonial era, post-independence states and their intergovernmental relations.

PSC 310. Politics of Social Policy. **3 hrs.**
The dynamics of the political process in the development of social policies and services toward meeting human needs, including housing, health and education. Emphasis upon the policy-making process, the role of non-governmental organizations, techniques of analysis and evaluation of social policy, social advocacy, and the ethical bases of policy options. Global perspective on issues concerning the elderly and women. *Prerequisite:* PSC 101 or 120.

PSC 320. Comparative Developed States. **3 hrs.**
A comparative examination of government and politics in selected countries and areas which are generally considered to have high levels of political and economic development, such as England, France, Germany, and Japan. *Prerequisite:* PSC 101 or 120.

PSC 325. Comparative Developing States. **3 hrs.**
A comparative examination of the institutions and processes of government and society in selected developing countries and areas, such as India, Southeast Asia, Africa and Latin America. *Prerequisite:* PSC 101 or 120.

PSC 331. Political Theory I. **3 hrs.**

Reading, discussion and analysis of selected political and social theories in ancient times. *Prerequisite:* PSC 101 or 120.

PSC 332. Political Theory II. **3 hrs.**

Continuation of PSC 331, covering the modern period. *Prerequisite:* PSC 331.

PSC 350. Contemporary International Issues. **3 hrs.**

Analysis of current international events. Exploration of contemporary conflicts and other international events with political implications. *Prerequisite:* PSC 101 or 120.

PSC 353. International Law. **3 hrs.**

The nature and development of international law and compliance with it. Particular attention to the function of international law in the context of international conflict. *Prerequisite:* PSC 101 or 120.

PSC 360. International Organizations and Global Issues. **3 hrs.**

Description under SOC 360.

PSC 497. Senior Seminar. **3 hrs.**

Advanced readings, discussion, and use of primary and secondary materials to write and present orally a major research paper. Methods will include the use of numeric data, speeches, and official government records. *Satisfies advanced composition requirement for general studies. Prerequisite:* Senior political science major or permission of instructor.

PSYCHOLOGY

Richard Calef, Ruth Ann Calef, Choban, Glenney

It is the purpose of this program to aid students in understanding themselves and others through the perspective of the scientific study of psychology. It provides basic mastery of content appropriate to the undergraduate level and a thorough grounding in the scientific method. Students may not earn more than six credits in readings in psychology, which are done by learning contract. Only three of these may be included in the 30 minimum for Track I.

Requirements for Major

Track I (for majors who seek a solid general foundation in psychology that will terminate at the undergraduate level): 30 semester hours, including PSY 101, 211, 225, 220 or 235, 245, 330, 361, 362; 8-9 hours of electives.

Track II (for students who seek a thorough foundation in the discipline as preparation for graduate study): 37 semester hours, including PSY 101, 209, 215, 230, 245, 301, 304, 320, 330, 340, 367, 368.

In most cases, students should select their major track by the first semester of their sophomore year.

Requirements for Minor

15 semester hours, including PSY 101.

PSY 101. General Psychology. **3 hrs.**

A survey of basic concepts in psychology including physiological mechanisms, learning, personality, abnormal behavior and psychotherapy, development, social processes and intelligence.

PSY 126. Addictions and Recoveries. **3 hrs.**
Exploration of addictive substances and addictive behaviors and their impact on the individual, the family and society. Includes signs and symptoms, assessment, treatment, and recovery processes.

PSY 188, 288, 388, 488. Special Topics. **1-3 hrs.**
A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

PSY 205. Business and Industrial Psychology. **3 hrs.**
Designed to help students understand, appreciate and apply basic behavioral theories and principles relevant to human behavior in business and industrial settings. Appropriate for students in business and may be credited toward a major in accounting, business administration, management, or marketing or toward a minor in business. *Prerequisite:* PSY 101.

PSY 209. Behavior Modification. **3 hrs.**
The application of the learning and motivation principles of Skinner, Pavlov, Hull and Wolpe to abnormal psychology, mental retardation, education, industry and life in general. Beneficial to people who wish to pursue some avenue of counseling, or plan to work in hospitals or clinics. *Prerequisite:* PSY 101.

PSY 211. Psychological Experimentation. **3 hrs.**
An introduction to methodology in psychological experimentation. Students will gain experience in conducting a research project and presenting results of their study. Track I curriculum. *Prerequisite:* PSY 101. *Offered in January Term.*

PSY 215. Advanced Experimental Psychology. **4 hrs.**
An introduction to experimental methods in psychology emphasizing practice in formulating and investigating research problems, applying scientific method in a laboratory setting and developing skill in presenting scientific reports. Experience in literature review and application of the computer to research data. *Prerequisites:* PSY 209, 230; CSC 101.

PSY 220. Human Relations Training. **3 hrs.**
A practicum designed to provide supervised first-hand experience in interpersonal communication. Intended primarily for students planning to enter the counseling or personnel fields, this course seeks to develop skills in interviewing and in attentiveness to verbal and non-verbal cues in identifying and understanding other people's feelings. *Prerequisite:* PSY 101. *Offered in January Term.*

PSY 225. Introductory Statistics for Social Sciences. **3 hrs.**
An introduction to commonly encountered statistical concepts and techniques, with an emphasis on practical application and interpretation. Includes descriptive and inferential statistics needed to address problems frequently found in a variety of work settings and use of computer applications for solution of such problems. *Prerequisite:* PSY 101.

PSY 230. Statistics and Methodology in the Behavioral Sciences. **4 hrs.**
Components of research design, scales of measurement, descriptive statistics, probability, and inferential statistics with emphasis on relating statistical techniques to general strategies of research in the social sciences. Includes a computer laboratory. *Prerequisite:* PSY 101.

PSY 235. Developmental Psychology I. **2 hrs.**
A chronological survey of major developmental issues and tasks from conception through middle childhood. Application of theory and research to issues confronted by health and human services practitioners, educators, and parents. *Prerequisite:* PSY 101.

PSY 236. Developmental Psychology II. **2 hrs.**
A chronological survey of major developmental issues and tasks from adolescence to death. Application of theory and research to issues confronted by health and human services practitioners and by the children of aging parents. *Prerequisite:* PSY 101.

PSY 240. Laboratory in Developmental Psychology I. **1-2 hrs.**
Students work with children individually and in groups at the Child Development Center, planning and implementing age-appropriate activities under supervision of the director of the Center. *Prerequisite:* Concurrent enrollment in PSY 235.

PSY 245. Theories of Personality and Psychotherapy. **3 hrs.**
A survey of major contemporary theoretical approaches to counseling. Methods of counseling derived from each theory are presented in readings and demonstrations. The course may be of interest to students who are considering careers in clinical, counseling or school psychology, psychiatry, social work, guidance, or pastoral counseling. *Prerequisite:* PSY 101.

PSY 250. Laboratory in Academic Peer Counseling. **1 hr.**
Students work with academically at-risk freshmen to plan and implement appropriate study and time management strategies, discuss academic concerns, monitor class attendance. Documentation of activities; supervision by psychology department faculty. *Prerequisites:* PSY 220 or 245 with a grade of B or better and instructor's permission. *May be taken for credit twice, in different semesters.*

PSY 255. Laboratory in Psychological Experimentation I. **2 hrs.**
Directed participation in experimental procedures including literature review and experiment preparation. *Prerequisite:* PSY 211.

PSY 256. Laboratory in Psychological Experimentation II. **2 hrs.**
Participation in experimental project, including experience with data compilation, preparation of abstracts and oral presentation of results. *Prerequisite:* PSY 255.

PSY 260 (also SOC 260). Field Experience: Working with the Elderly. **1 hr.**
Students work with the elderly individually and in groups in a hospital nursing care setting or similar work site, planning and implementing appropriate activities under the supervision of the director/staff of the nursing care facility. The field experience is integrated with the courses listed as pre- or corequisites. *Prerequisite:* PSY 236 or SOC 220 or SOC 250. PSY 236 may be taken concurrently.

PSY 301. Social Psychology. **3 hrs.**
A survey of theory and research regarding social influences on individual behavior and the application of these findings to selected social issues. Lectures and discussion. *Prerequisite:* PSY 101.

PSY 304. Learning and Behavior Analysis. **4 hrs.**
A survey of the concepts, research methods and principles of learning and behavior analysis, with a primary focus on contemporary investigations of human and animal learning. Historical antecedents of principles, theories and methods are reviewed insofar as they are important to the understanding of contemporary issues. Includes laboratory exercises and use of computer for data analysis. *Prerequisite:* PSY 101, junior or senior standing.

PSY 320. Abnormal Psychology. **3 hrs.**
A broad overview of the various types or classifications of "abnormal" behavior according to the DSM system. Also discussed will be the application of theory and research to issues confronted by social service providers, educators, and parents. *Prerequisite:* PSY 101.

PSY 330. Psychological Tests and Measurements. **3 hrs.**
Theory of psychological measurement, methods of evaluating tests, review and practical application of the most commonly used psychological tests. *Prerequisites:* PSY 225 or 230 and junior or senior standing.

PSY 340. Biological Psychology. **3 hrs.**
Structure and function of the nervous, sensory and muscular systems; their roles in emotion, motivation, learning and behavioral disorders; regulatory mechanisms and effects of drugs and environmental agents on functioning. *Prerequisite:* PSY 101.

PSY 361. Practicum in Psychology I. **2 hrs.**
Practical internship experience in a supervised clinical setting, including planning and delivery of services, documentation and presentation of outcome. Supervised by psychology department faculty and field supervisors at practicum site. Campus and off-campus placements available; learning objectives and activities drawn from previous course content. *Prerequisites:* PSY 211, 225, 220 or 235, 245, and 330. *Track II majors may enroll only with permission of the department chair.*

PSY 362. Practicum in Psychology II. **2 hrs.**
Continuation of PSY 361. *Prerequisite:* PSY 361.

PSY 367. Thesis in Psychology I. **2 hrs.**
Required of junior Track II majors. Students will gain experience in reviewing the literature on a specific research topic in experimental psychology and designing an experiment based on the previous research. *In combination with PSY 368, satisfies advanced composition requirement for general studies. Prerequisite:* PSY 215.

PSY 368. Thesis in Psychology II. **2 hrs.**
Continuation of PSY 367. Students are given the experience of conducting laboratory research on topic reviewed in PSY 367, analyzing the data and using APA standards in writing the lab report associated with the experiment. Students will also be required to present an oral defense of their research project. *In combination with PSY 367, satisfies advanced composition requirement for general studies. Prerequisite:* PSY 367.

Public Relations

See Communication and Dramatic Arts for description of major program.

Religion

A. Holmes, Phillips, Welliver

The study of religion is a study of traditions, commitments and some of the most important human questions. It encompasses scriptural foundations, historical development, theological reflection and social-cultural expression. In keeping with the tradition of the College, the study of Christianity receives particular attention, but attention is also given to other religions in the global community.

The major or minor is appropriate for persons preparing for further theological study and church-related vocations. It also recommends itself to students interested in pursuing studies which emphasize questions of meaning and mystery in human experience and which encourage the development of historical perspective and the critical habit of mind characteristic of the humanities.

Students in religion are encouraged to consider the study of New Testament Greek (see page 110) or other languages.

Requirements for Major

24 semester hours beyond REL 110, including REL 205; either 221 or 222; one course selected from 210, 212, 214, and 305; either 240 or 245; either 330 or 335; 9 hours of electives. Students anticipating a major should elect REL 101, 110, or 221 as their initial course. Seniors must complete a comprehensive examination.

Requirements for Minor

15 semester hours.

REL 101. Introduction to the Bible. 3 hrs.
An introductory study of the Biblical literature, its origin in the Jewish and Christian communities, and the literary and cultural developments involved in its emergence as the norm of faith for those communities.

REL 110. Introduction to Religion. 3 hrs.
An introduction to religious questions of basic belief, behavior, and value commitment, and to religious dialogue in the plural world community.

REL 115. Christian Ethics. 3 hrs.
Ethical issues in the Christian tradition, with attention to the sources of the tradition and to various moral theories; application to cases in both personal conduct and in society.

REL 120. Religion in America. 3 hrs.
An introduction to the history of religion in America through the study of selected readings on the meaning of the American experience.

REL 188, 288, 388, 488. Special Topics. 1-3 hrs.
A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

REL 205. The Christian Tradition. 3 hrs.
A study of ideas and movements in Christianity; selected thinkers in the early, medieval and reformation periods; Catholic and Reformation thought in the modern world.

REL 208. United Methodist Heritage. 3 hrs.
A solid historical orientation on the development of The United Methodist Church, its roots and constituent parts. *Prerequisite:* One course in religion.

REL 210. Basic Christian Faith. 3 hrs.
An introductory study of basic elements of Christian theology. Emphasis is placed on the situation and interpretation of the Christian faith in the modem world.

REL 212. Issues in Feminist Theology. 3 hrs.
An introduction to recent studies in theology that will focus on the significance of the Gospel as read in the context of American women's experience.

REL 214. Issues in Environmental Theology. 3 hrs.
A study of issues related to environmental theology, such as ecological responsibility, humankind's place in creation, God's love, Christology, and the suffering of creation and hope of new creation. *Prerequisite:* One course in religion.

REL 221. Old Testament Studies I. 3 hrs.
The religion of Israel in historical perspective during the pre-exilic period, with emphasis upon the prophets.

REL 222. Old Testament Studies II. 3 hrs.
Selected groups of Old Testament writings—prophets, psalms, wisdom and apocalyptic literature—beginning at the time of the exile.

REL 240. Judaism and Islam. 3 hrs.
A historical study of Judaism and Islam against the background of other Near Eastern religions, such as Zoroastrianism and Christianity; consideration of current expressions of faith and practice.

REL 245. Hinduism and Buddhism. 3 hrs.
A historical study of the faith and practice of Hinduism and Buddhism, with consideration of other Asian religious traditions alongside which these have developed.

REL 305. Modern Christian Thought. 3 hrs.
An introduction to contemporary Christian thinkers, theological questions and movements. *Prerequisite:* One course in religion.

REL 310. Major Religious Thinkers. **3 hrs.**
A study of the history of religious thought through representative individuals or periods of historical importance. *Prerequisite:* One course in religion.

REL 330. Jesus in the Gospels. **3 hrs.**
The mission and message of Jesus as presented in the Synoptic Gospels; methods of interpretation.

REL 335. Paul and the Early Church. **3 hrs.**
4 A study of early Christian literature, with special focus on the Pauline letters.

Sociology and Anthropology

Bright, Peterson, Toth, Warner

The study of sociology and anthropology assists students in developing their understanding of the general character of human relationships and the dynamic interaction between persons and social roles and social structures. Faculty members take a special interest in the issues of freedom and oppression, of human rights and those social structures which inhibit those rights.

Requirements for Sociology Major

26 semester hours including 101, 110, 305, 345, 378, 9 hours of electives, and 420. It is strongly recommended that majors elect at least one course in each of the other social sciences. Students planning graduate study should elect a course in statistics and computer programming.

Requirements for Sociology Minor

15 semester hours, including 101 and 378.

SOC 101. Principles of Sociology. **3 hrs.**
Introduction to the sociological perspective, the traditions, concepts and methods of social inquiry. Examination of society's highly structured organizational and institutional life; the dynamic relationship between person, role and social structure; collective behavior, socialization, culture, conflict and change. The value of human freedom and the structures which restrict it.

SOC 110. Introduction to Anthropology. **3 hrs.**
An investigation into human differences and similarities through time and space and an examination of the interaction of biological, cultural and ecological factors in the development of humans and their extremely diverse life styles. Archaeology, linguistics, physical anthropology and cultural anthropology are introduced together with topics such as marriage, kinship, economic systems, political organization, subsistence systems, technology, religions and cultural change.

SOC 115. Cultural Anthropology. **3 hrs.**
A study of the various branches, history, scope, and organization of culture. The growth of culture, theories, universals, material culture, economic organization, social and political organization, social control, world view, linguistics, and the relation of culture to the individual. *Prerequisite:* SOC 110 or permission of instructor.

SOC 131. Indian Studies I. **3 hrs.**
A summer course that surveys the origins of Native Americans on this continent, relations between Indians and the United States government, cultural traditions of several tribes, and contemporary issues.

SOC 132. Indian Studies II. 3 hrs.
A summer travel course including visits to Cherokee, Pueblo, Navaho and other communities in the Southwest, as well as prehistoric Indian ruins. *Prerequisite:* SOC 131.

SOC 145. Criminology. 3 hrs.
A study of the types and causes of crime, methods of prevention, punishment and rehabilitation, and the administration of criminal justice. Includes a special section on rural crime.

SOC 188, 288, 388, 488. Special Topics. 1-3 hrs.
A course or seminar on a selected topic within the discipline that is not otherwise represented in the curriculum.

SOC 210. Appalachian Studies. 3 hrs.
A study of a rural region that includes discussion of the role of coal in the life of the region, poverty, community life, migration, folk arts and crafts, and social change.

SOC 220. The Family in Transition. 3 hrs.
A study of the contemporary institution of the family in an international context. Diverse family patterns, structures, and functions and male and female roles, with emphasis on the family's responsiveness to change. The impact of increasing longevity, divorce rates, economic recession, and participation of women in the work force.

SOC 235. Perspectives on Aging. 3 hrs.
Multidisciplinary perspectives and diverse theories on aging. Cross-cultural (international) comparison of gerontological issues and current trends, with main focus on contemporary American scene. Emphasis upon personal, national and international preparation for productive aging. *Prerequisite:* SOC 101 or permission of instructor.

SOC 240. Juvenile Delinquency. 3 hrs.
A survey of the causes, theoretical explanations, and methods of prevention and "treatment" of juvenile delinquency; public attitudes toward juvenile delinquency and the history of the juvenile justice system in America.

SOC 243. American Minority Groups Since 1865. 3 hrs.
Description under HST 243.

SOC 250. Social Problems and Social Services. 3 hrs.
A study of social problems and related issues and trends with a critical emphasis on current policies, services, and programs designed as problem-resolution efforts. Social welfare as an institution is introduced in the broad context of industrialization and social change.

SOC 260. Field Experience: Working with the Elderly. 1 hr.
Description under PSY 260.

SOC 301. Archaeology. 3 hrs.
An introduction to a scientific technique for the removal from the earth of cultural evidence concerning the activities and works of man in the past, including identification, preservation, and interpretation of such material. *Prerequisite:* SOC 110 or permission of instructor.

SOC 305. Global Minorities. 3 hrs.
A study of selected racial and ethnic minorities in Africa, the Middle East, the former U.S.S.R., Latin America, and Europe. Major theories of racial conflict and interracial tensions throughout the world; methods of reducing tensions and working toward pluralism, assimilation or integration.

SOC 315. Arabs and the Middle East. 3 hrs.
Description under HST 315.

SOC 345. Research Methods in the Social Sciences. 3 hrs.

A course focusing on scientific investigation and the design of program and practice research in the field of social science, with attention to the use of both qualitative and quantitative methods, the appropriate use of statistics, and a working knowledge of selected computer programs. *Prerequisites:* SOC 101 plus six hours in the department.

SOC 355. Sociology of Change and Development. 3 hrs.

Overview of approaches to development and the process of planned social change, with emphasis on participatory roles (including contributions of women, the elderly, and the disabled), as well as indigenous cultural values and social policy. Critical examination and comparison of selected case studies from developed and developing countries. *Prerequisite:* SOC 101.

SOC 360 (also PSC 360). International Organizations and Global Issues. 3 hrs.

A study of international governmental and non-governmental organizations as systems of institutions for promoting cohesive social forces, the evolution of the United Nations and its system of agencies, and current global social issues.

SOC 378. Social Theory. 3 hrs.

A review of the major sociological theorists and schools of thought from Comte to Ethnomethodology and Critical Theory. *Prerequisites:* SOC 101 plus nine hours in the department.

SOC 420. Senior Sociology Seminar. 2 hrs.

Students will write and present orally a major research paper on an approved topic, write and discuss short response papers on current issues, and explore jobs, vocations, and careers. *Satisfies advanced composition requirement for general studies. Prerequisite:* Senior sociology major.

Sports Medicine

The sports medicine major is designed to prepare students to be eligible to sit for the National Athletic Trainers' Association Board of Certification (NATABOC) examination and subsequent entry into the clinical or commercial sports medicine sectors. The major provides a solid academic and clinical background for students interested in pursuing graduate study in athletic training, sports medicine, sports psychology, or other related disciplines.

Although students are accepted into the College as sports medicine majors, continuation in the major depends upon successful completion of specific program requirements, including observation hours, academic prerequisites, written application and review. Admission into the program is selective and limited. Students should apply during the fall semester of their freshman or sophomore year. Transfer applicants will be considered.

The academic and fieldwork demands of the sports medicine/athletic training major make it virtually impossible for students to complete the program and participate in a dual semester sport or co-curricular activity that requires a significant time commitment. At the end of the first year of study at Wesleyan, a student who wishes to participate extensively in intercollegiate athletics or co-curricular activities will have to make a choice between the activity and completion of the sports medicine/athletic training program.

Students who wish to become certified as athletic trainers by the West Virginia Department of Education must fulfill all requirements of both the sports medicine major and the teacher education program, including the Physical Education/Health/Athletic Training (K-12) teaching field. This combination will require more than four years to complete.

ADMISSION TO AND CONTINUATION IN THE SPORTS MEDICINE PROGRAM

Students must meet the following eligibility requirements for formal admission into the sports medicine program:

1 Completion of the following prerequisites with no grade below C: BIO 110 or 160, BIO 211; PED 140, 155, 160; CHE 105, 106, 107, 108 or CHE 161, 162, 163, 164; CPR certification.

2 A cumulative grade point average of 2.5 or higher.

3 Submission of a written application.

4 Successful completion of an interview with the athletic training faculty and clinical instructors.

To continue in the sports medicine program after formal admission, the student must earn no grade below C and a grade point average of 2.75 or higher in all courses required for the major taken during the junior and senior years.

Requirements for Major

58-61 semester hours, including PED 130, 140, 155, 160, 209, 210, 260, 309, 310, 320, 325, 372, 376, 396, 403, 404; CHE 105, 106, 107, 108 or CHE 161, 162, 163, 164; BIO 211, 212; FCS 265; 800 clock hours of supervised fieldwork.

Register

Administrative Officers and Staff

President of the College

President of the College ..... William R. Haden, M.A.
Executive Assistant ..... Linda J. Hicks, A.A.
Director of Institutional Research ..... Tammy J. Crites, M.B.A.
Director of Computing Services ..... R. Duwane Squires, B.S.
Programmer/Analyst .....
Manager of Computer Operations ..... Edwin P. Andrew, B.S.
Telecommunications Engineer ..... Neil K. Roth, B.S.
HelpDesk Supervisor ..... Frank G. Byers, B.S.
HelpDesk/Learning Center Lab Supervisor ..... Robert A. Burch
Application Support Specialist ..... M. Sue Roth, M.A.T.
Instructional Technology Specialist ..... Karen R. Petitto, M.Ed.
Network Specialist ..... James C. Poling, B.S.
Technical Support Specialist ..... Timothy K. Knabenshue, B.S.

Vice President for Academic Affairs

Vice President for Academic Affairs and
Dean of the College ..... Richard G. Weeks, Jr., Ph.D.
Assistant Dean ..... Shirley D. Fortney, Ed.D.
Executive Assistant ..... Jane F. Crutchfield, B.Ed.
Director of Special Programs ..... G. Mark DeFoe, Ph.D.
Director of Advising and Career Center ..... Alice J. Leigh, B.S.
Advising and Career Specialists ..... Jacqueline Cook-Jones, M.A.; Tammy J. Frederick, M.B.A.; Barbara Morrissette, B.A.
Co-Directors of the Honors Program ..... Danette E. Ifert, Ph.D.; John K. Saunders, Ph.D.
Director of the Learning Center .....
Learning Center Assistant ..... Wilma L. Whitlock, B.A.
Learning Center Instructor/Counselor ..... Shawn M. Kuba, M.A., M.S.
Learning Center Instructors ..... Suzanne K. Haas, M.A.; C. Jean Hawkins, M.A.; Carolyn S. Mallory, M.Ed.; Lynne G. Neaves, M.A.; Alice F. Pegram, M.A.
Coordinator of Tutoring Services ..... Christine M. Mundy, B.A.
Learning Center Test Coordinator ..... Judith M. Knorr, B.S.
Director of Library Services ..... Kathleen A. Parker, M.L.S.
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Bibliographic Services ..... Benjamin F. Crutchfield, M.S.L.S.
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Audiovisual Coordinator.....James R. Nutter, A.S.E.E.
Director of the M.B.A. Program.....David W. McCauley, J.D.
Outreach Education and Testing Coordinator.....Jennifer L. Bunner, M.A.
Registrar.....Linda W. Winspear, B.S.
Credentials Analyst.....Lynda S. Bowers
Registration Assistant.....Lisa D. Phillips
Receptionist/Transcript Clerk.....Mary E. McCoy, B.A.

Vice President for Student Affairs

Vice President for Student Affairs and
Dean of Students.....Trina A. Dobberstein, Ph.D.
Executive Assistant.....Helen K. Mellquist
Director of Advising and Career Center and Assistant Dean.....Alice J. Leigh, B.S.
Advising and Career Specialists.....Jacqueline Cook-Jones, M.A.; Tammy J. Frederick, M.B.A.; Barbara Morrissette, B.A.
Director of International Student Programs.....Alice J. Leigh, B.S.
Director of Counseling and Wellness.....Michael Kuba, M.A.
Director of the Student Health Center.....Lisa A. Hinkle, R.N.
Director of Housing and Residence Life.....Kim Jones Kline, M.S.
Residence Life Coordinators.....Todd M. Biela, M.A.; Anthony S. Donovan, M.A.; Rachel E. Fisher, M.A.; Stephanie A. Wines, B.A.
Director of Security.....David R. Coates, B.S.
Director of Campus Activities and Summer Conferences.....Alisa M. Lively, M.A.
Director of Intercultural Relations.....Amena Oliver, B.A.
Director of Athletics.....George A. Klebez, D.Phys.Ed.
Athletic Trainers.....Rae L. Emrick, M.S., A.T.C.; Jay L. Myers, M.S., A.T.C.; James A. Ward, M.S., A.T.C.
Director of Intramurals and Recreation.....John K. Bohman, M.A.T.
Baseball Coach.....Randall L. Tenney, M.A.T.
Men's Basketball Coach.....Charles E. Miller, M.A.
Women's Basketball Coach.....
Football Coach.....William Struble, M.A.T.
Golf Coach.....James K. Myers, M.S.
Men's Soccer Coach.....Gavin D. Donaldson, M.S.
Women's Soccer Coach.....Linda R. Bauer, B.S.
Softball Coach.....Stephen M. Warner, B.S.
Swimming Coach.....
Tennis Coach.....James R. Smith, M.S.
Track and Cross Country Coach.....Jesse F. Skiles, B.A.
Women's Volleyball Coach.....James D. Gordon, M.S.

Vice President for Finance

Vice President for Finance and Treasurer.....G. Michael Goins, B.A.
Executive Assistant.....Deborah K. Mullens, A.A.S.
Comptroller.....Gerald V. Steed, B.B.A.
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Director of the Physical Plant .....
Assistant Director ..... William B. Hicks III, M.B.A.
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Mail Services Supervisor ..... Inez J. Wilfong

Dean of the Chapel

Dean of the Chapel and Coordinator of Church Relations
and Volunteer Programs ..... Mary Jo Sims-Baden, M.A., M.Div.
Administrative Assistant ..... Lexie B. Miller
Bonner Scholars Coordinator ..... LeeAnn F. Brown

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Vice President for External Relations ..... Joanne C. Soliday, M.Ed.
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Director of Marketing and Communications .....
Assistant Director ..... Charles K. Dick, B.S.
Webmaster/Sports Information Director ..... Peter W. Galarneau, Jr., B.A.
Director of Admission ..... Robert N. Skinner, M.A.
Assistant to the Director ..... Jennifer R. Verhagen, B.A.
Associate Director of Admission and Financial Planning ..... David K. Ford, B.S.
Assistant Directors ..... Christopher R. Coons, B.A.; Wanda L. Donahue, B.S.;
Elizabeth A. Lampinen, M.A.; Matthew A. Martin, B.A.
Admission Counselors ..... Jason M. DePoy, B.A.; Kent J. Gamble, B.A.;
Michael S. Mozer, B.A.; Kyle E. Sepp, B.A.
Director of Financial Planning ..... Lana M. Golden, M.A.
Financial Planning Counselors .... Kimberly A. Crites, B.S.; John C. Huffman, B.S.

Board of Trustees

The board member's term expires in May of the year given in parentheses.

Elected Members

William E. Watson, *Chairperson*, Wellsburg, WV (2002)
Robert S. Foltz, *First Vice Chairperson*, Pittsburgh, PA (2001)
Alfred L. Moyé, *Second Vice Chairperson*, San Mateo, CA (1999)
Joseph S. Beeson, *Third Vice Chairperson*, Charleston, WV (2002)
Patricia A. Jarvis, *Fourth Vice Chairperson*, Lewisburg, WV (1999)

John R. Campbell, *Secretary*, Huntington, WV (2002)
Robert L. Allman, Pittsburgh, PA (1999)
Michael John Aloi, Buckhannon, WV (2002)
Suzan E. Bly, Greensboro, NC (2001)
Mary Lou Greenwood Boice, Decatur, GA (2002)
Arthur D. Boyd, Mamaroneck, NY (2002)
K.C. Caldabaugh, Kettering, OH (1999)
Phyllis H. Carter, Institute, WV (2002)
Thomas W. Cole, Jr., Atlanta, GA (1999)
Christine Rapking Cox, Lawrenceville, NJ (2002)
Robin Jean Davis, Charleston, WV (2001)
Charles R. Evans, Raleigh, NC (2002)
William O. Goodwin, Atlanta, GA (2001)
Andrew C. Harvey, Pittsburgh, PA (2001)
W. LeRoy Jones, Magnolia, DE (1999)
Francis R. Millar, Atlanta, GA (2000)
William S. Norman, Washington, DC (2001)
David E. Reemsnyder, II, Blacksburg, VA (1999)
Herschel H. Rose, Charleston, WV (2001)
Frank L. Shaffer, Jr., Charleston, WV (2000)
Roger L. Smith, Morgantown, WV (2001)
Victoria J. Starnes, Laurel, MD (2001)
John W. Swan, Hamilton, Bermuda (2001)
Harry A. Wallace, III, Charleston, WV (2001)
Harvey P. White, Cardiff By The Sea, CA (2000)
William H. Wilson, Romney, WV (2002)

Ex Officio Members

Resident Bishop of the West Virginia Area, **S. Clifton Ives**, Charleston, WV
Resident Bishop of the Western Pennsylvania Area, **George W. Bashore**, Mars, PA
President of the College, **William R. Haden**
President of the College Alumni Council, **Susan S. Dotson**, Morgantown, WV
Chairperson of the College Faculty Senate, **William E. Mallory**
President of the College Community Council, **Franki Lee Parsons**

The Faculty

The year of the faculty member's initial appointment is given in parenthesesMark

Mark J. Ahlseen, *Visiting Associate Professor of Economics* (1998). B.S., Taylor University; M.S., Ph.D., Texas A & M University.

Nancy L. Alfred, *Professor of Nursing* (1983). B.S.N., M.S., M.S.N., West Virginia University; D.S.N., University of Alabama at Birmingham.

Shauna L. Aurelio, *Assistant Professor of Nursing* (1998). B.S.N., Alderson-Broaddus College; M.S.N., West Virginia University.

Arminta T. Baldwin, *Professor of English* (1966). A.B., Glenville State College; M.A., West Virginia University.

Anona A. Berry, *Assistant Professor of Art (pt)* (1990). B.S., Kutztown State College; M.Ed., Temple University.

Michael L. Berry, *Professor of Mathematics* (1966). B.S., West Virginia Institute of Technology; M.A., Pennsylvania State University.

Kwame A. Boateng, *Assistant Professor of Political Science* (1994). B.S. Ed., M.S., Ph.D., University of Tennessee, Knoxville.

Robert S. Braine, *Professor of Health and Physical Education* (1969). B.S., Lock Haven State College; M.A.T., University of North Carolina; Ed.D., West Virginia University.

David R. Burns, *Assistant Professor of Mathematics* (1993). B.S., Western Illinois University; M.S., Ph.D., North Dakota State University.

Richard S. Calef, *Professor of Psychology* (1970). B.A., University of Bridgeport; M.A., Ph.D., Southern Illinois University.

Ruth A. Calef, *Associate Professor of Psychology* (1971). B.A., North Central College; M.A., Ph.D., Southern Illinois University.

Kent H. Carpenter, *Assistant Professor of Health and Physical Education and Director of Alumni and Parent Relations* (1969). B.A., West Virginia Wesleyan College; M.Ed., Ohio University.

Marvin H. Carr III, *Associate Professor of Christian Education* (1974). B.S., M.A., West Virginia University; B.D., Duke Divinity School; S.T.M., Union Theological Seminary; D.Min., Methodist Theological School of Ohio.

Michael C. Choban, *Associate Professor of Psychology* (1982). B.A., West Virginia Wesleyan College; M.A., Ph.D., West Virginia University.

Richard C. Clemens, *Associate Professor of Computer Science* (1977). B.B.A., Ohio University; M.B.A., Bowling Green State University.

Thomas W. Cline, *Assistant Professor of Business* (1990). B.S., M.B.A., University of Virginia; Ph.D., University of Cincinnati.

Carl M. Colson, *Professor of Biology* (1969). B.S., University of Nebraska; Ph.D., University of Florida.

Boyd H. Creasman, *Associate Professor of English* (1990). B.A., Middle Tennessee State University; M.A., Ph.D., Florida State University.

Stephen E. Cresswell, *Professor of History* (1986). B.A., University of Virginia; M.A., M.L.S., Catholic University; Ph.D., University of Virginia.

Benjamin F. Crutchfield, *Associate Professor of Library Science* (1969). B.A., M.S.L.S., University of North Carolina.

Margaret E. Davis, *Assistant Professor of Art* (1997). B.F.A., West Virginia University; M.F.A., James Madison University.

Caroline L. Dees, *Associate Professor of Music* (1969). A.B., Tift College; M.M., University of Kentucky, M.L.I.S., University of South Carolina.

G. Mark DeFoe, *Professor of English* (1975). B.S., M.A., Oklahoma State University; Ph.D., University of Denver.

Deanna C. Dunlavy, *Assistant Professor of Chemistry* (1995). B.S., Oral Roberts University; Ph.D., University of Pittsburgh.

Jeffrey A. Dunne, *Assistant Professor of Engineering Physics* (1998). B.S.E., Widener University; M.S., Ph.D., Purdue University.

Michael B. Ervin, *Assistant Professor of Business* (1993). B.S.B.A., West Virginia University; M.Acc., University of Denver; M.S. in Taxation, University of Hartford; C.P.A.

Shirley D. Fortney, *Associate Professor of Education and Assistant Dean of the College* (1992). B.A., Fairmont State College; M.A., Marshall University; M.A., West Virginia College of Graduate Studies; Ed.D., Virginia Polytechnic Institute and State University.

Jean M. Fruh, *Assistant Professor of Physical Education and Sports Medicine* (1984). B.S., M.S., Springfield College; A.T.C.

Barbara E. Frye, *Assistant Professor of Nursing* (1990). B.S., West Virginia Wesleyan College; M.S.N., West Virginia University.

Katherine R. Glenney, *Associate Professor of Psychology* (1989). B.A., Susquehanna University; M.S., Shippensburg University; Ed.D., West Virginia University.

Jeffrey L. Godwin, *Assistant Professor of Business* (1998). B.B.A., The College of William and Mary; M.Div., Wesley Theological Seminary; M.B.A., West Virginia University; Ph. D., Virginia Tech.

Katharine B. Gregg, *Professor of Biology* (1976). B.A., Emory University; Ph.D., University of Miami.

Anthony A. Gum, *Associate Professor of Business* (1969). A.B., Glenville State College; M.A., Marshall University.

Lillian J. S. Halverson, *Professor of Family and Consumer Sciences and Director of Didactic Program in Dietetics (Plan IV)* (1970). B.S., M.S., Stout State University; Ph.D., Ohio State University.

Allen T. Hamner, *Professor of Chemistry* (1969). B.S., West Virginia Wesleyan College; Ph.D., Cornell University.

Arthur B. Holmes, *Workman Professor of Religion* (1970). B.S., Stetson University; B.D., Emory University; Ph.D., Drew University.

Robert N. Hull, *Assistant Professor of Philosophy* (1994). B.A., Hamline University; M.A., Ph.D., University of Kansas.

Danette E. Ifert, *Assistant Professor of Communication* (1995). B.A., West Virginia Wesleyan College; M.A., Ph.D., Northwestern University.

George F. Jack, Jr., *Assistant Professor of Dramatic Arts* (1997). B.A., The College of William and Mary; M.F.A., University of Louisville.

Steve K. Johnson, *Assistant Professor of Chemistry* (1998). B.A., Augustana College; Ph.D., Iowa State University.

Deborah A. Jones, *Instructor in Education* (1998). B.A., Marshall University; M.Ed., University of Louisville.

Barbara M. Kean, *Associate Professor of Education* (1990). B.S., East Carolina University; M.A., West Virginia College of Graduate Studies; M.A., University of West Virginia College of Graduate Studies; Ed.D., West Virginia University.

Bernard F. Keating, *Professor of Philosophy* (1977). B.A., The College of William and Mary; M.A., Ph.D., University of Virginia.

L. Tamara Kendig, *Assistant Professor of English* (1998). B.A., M.A., Boston College; Ph.D., Lehigh University.

George A. Klebez, *Associate Professor of Health and Physical Education and Director of Athletics* (1986). B.S., West Virginia Wesleyan College; M.S., D.Phys.Ed., Indiana University.

Michael Kuba, *Instructor in Psychology and Director of Counseling and Wellness* (1987). B.A., Bowling Green State University; M.A., Villanova University.

Kevin C. Lee, *Assistant Professor of Communication* (1994). B.A., Western State College; M.A., Central Missouri State University; Ed.D., Oklahoma State University.

Kathleen M. Long, *Associate Professor of Communication* (1987). A.B., M.A., West Virginia University; M.S., Southern Illinois University; Ph.D., University of Connecticut.

Gretchen H. Lynn, *Assistant Professor of Computer Science* (1989). B.S., Concord College; M.S.; University of Tennessee, Knoxville.

William M. Mahoney, *Associate Professor of History* (1983). B.A., University of Delaware; M.A., Wake Forest University; Ph.D., University of Connecticut.

William E. Mallory, *Professor of English* (1969). B.A., The American University; M.A., University of Washington; Ph.D., State University of New York at Buffalo.

Judith R. Martin, *Associate Professor of Library Science* (1976). B.A., Wheeling College; M.A., M.S.L.S., University of North Carolina.

Kelvin Mason, *Assistant Professor of Art* (1998). B.A. University of Guelph, Canada; M.F.A., University of Arizona.

David W. McCauley, *Assistant Professor of Business and Director of the M.B.A. Program* (1994). B.A., J.D., West Virginia University.

Rodger J. McCormick, *Professor of Biology* (1977). B.S., Shippensburg State College; M.S., University of Maryland; D.Ed., Pennsylvania State University.

Judith A. McKinney, *Professor of Nursing* (1977). B.S., West Virginia Wesleyan College; M.A., M.S.N., Ed.D., West Virginia University.

W. Irene McKinney, *Associate Professor of English* (1990). B.A., West Virginia Wesleyan College; M.A., West Virginia University; Ph.D., University of Utah.

Devon McNamara, *Visiting Associate Professor of English* (1997). B.A., Principia College; M.A., University of Illinois; Ph.D., New York University.

Melody J. Meadows, *Assistant Professor of Music* (1995). B.A., Davis and Elkins College; M.A.T., West Virginia Wesleyan College; D.M.A., University of Michigan.

David A. Milburn, *Professor of Music* (1966). B.Mus., M.Mus., West Virginia University; D.M.A., Catholic University of America.

Charles E. Miller, *Assistant Professor of Education and Coach of Men's Basketball* (1992). B.A., West Virginia Wesleyan College; M.A., West Virginia University.

Michael G. Miller, *Assistant Professor of Physical Education and Sports Medicine* (1998). B.S., California University of Pennsylvania; M.S., M.S., Ed.D., West Virginia University.

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Marjorie F. Trusler, *Professor of Modern Languages* (1969). B.A., Hood College; M.A., Middlebury College; Ph.D., Emory University.

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Homer E. Holloway, *Lecturer in Chemistry*. Ph.D.

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E. Tonry Lathroum, *Lecturer in Dramatic Arts*. B.A.

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Mary P. Miller, *Lecturer in Biology*. M.Ed.

Jay L. Myers, *Lecturer in Health and Physical Education* M.S., A.T.C.

Dennis W. Porter, *Lecturer in Sports Medicine*. M.Ed., A.T.C.

Nancy B. Porter, *Lecturer in English*. M.S.

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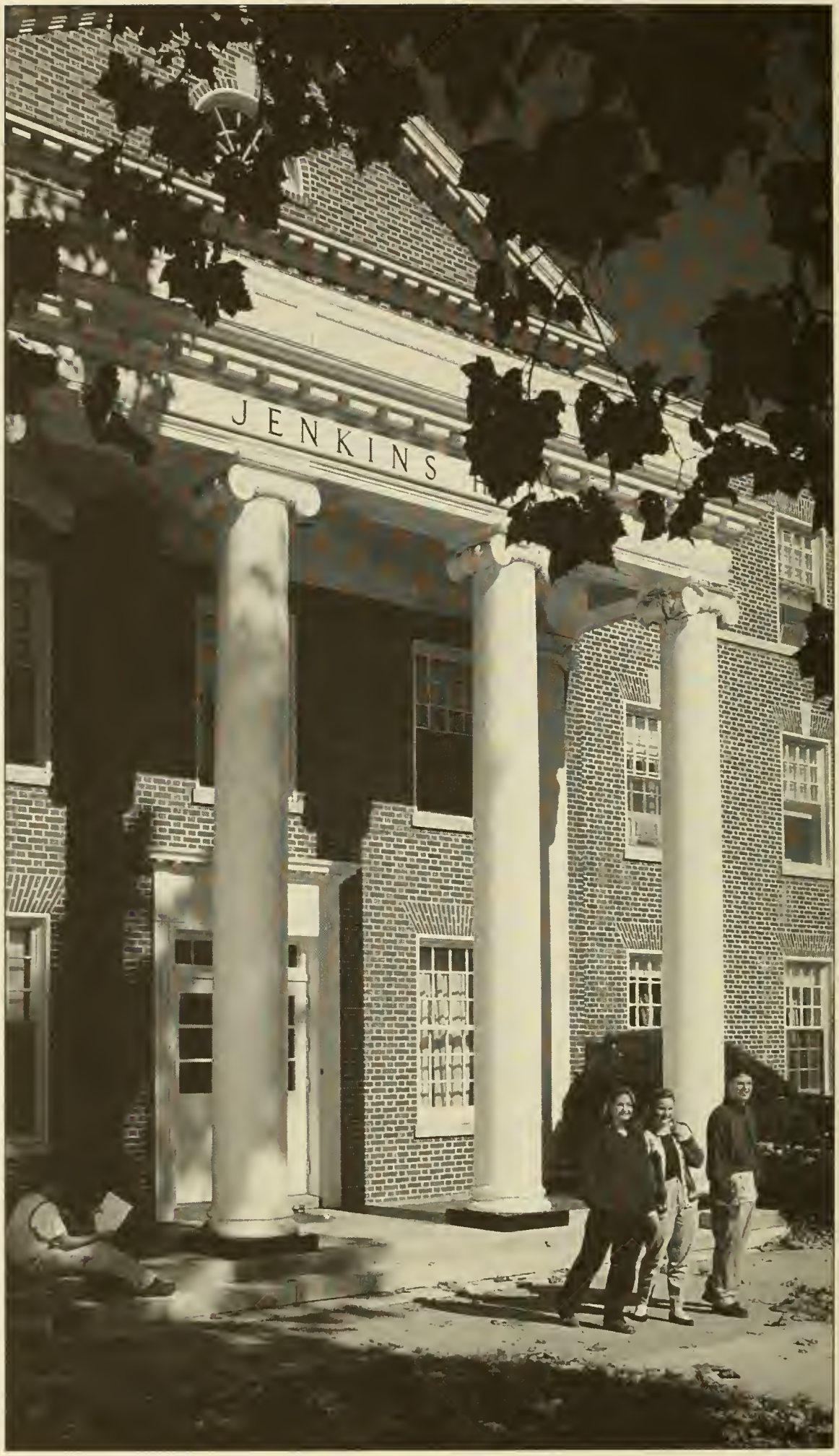
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